

# Key Stage 4 Pathways



A C A D E M Y  
L A N G L E Y

## Information Booklet and Course Overviews

**This booklet contains:**

- **Information about Key Stage 4 Pathways;**
- **Course Overviews.**

**Email: [pathways@q3langley.org.uk](mailto:pathways@q3langley.org.uk)**



# Key Stage 4 Pathways

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- BTEC Health and Social Care
- BTEC Travel and Tourism

Dear Parents/ Carers,

It is an exciting time for Year 9 students at Q3 Academy Langley as they engage with their Key Stage 4 Pathways leading into Year 10 and 11. This year sees the widest range of Key Stage 4 courses ever offered, with a wide range of option subjects alongside English, maths, science, geography, history and MFL.

Timeline for Pathways 2022:

- **Friday 28<sup>th</sup> January:** Pathways Assembly for all students.
- **Week beginning 31<sup>st</sup> January:** All students, parents and carers will receive a Pathways letter and Pathways Booklet to read. Sample lessons will begin during Tutor time for subjects not studied in KS3.
- **Thursday 3<sup>rd</sup> March:** Pathways Evening- all students, parents and carers will be able to access an interactive presentation about the Pathways process.
- **Week beginning 14<sup>th</sup> March:** All students will be sent their Pathways Preference Form.
- **Friday 18<sup>th</sup> March:** Deadline for Pathways Preference Forms to be returned.
- **Week beginning 4<sup>th</sup> April:** Students will receive confirmation of their Pathways Preferences.

You may be aware that GCSEs have been reformed in recent years, with a 9-1 grading system replacing the old A\*-G grading system. Below is a table showing a *general* comparison between the two systems:

<b>New Reformed GCSE Grade</b>	<b>Legacy (Old) GCSE Grade</b>
9	A**
8	A*
7	A
6	B+
5 (New Good Pass)	C+ to B
4 (New Standard Pass)	C
3	D
2	E
1	F-G

Also students will have the option to study vocational qualifications, including BTECs. These qualifications are graded from Distinction\* to a Pass at Level 1 and 2 and have the same equivalence to GCSE grades, as shown:

<b>BTEC Grade</b>	<b>Reformed GCSE Grade Equivalent</b>
Level 2 Distinction*	8.5
Level 2 Distinction	7
Level 2 Merit	5.5
Level 2 Pass	4
Level 1 Distinction	3
Level 1 Merit	2
Level 1 Pass	1.25

Vocational qualifications are more practical than GCSEs, and are work-related in their design. Assessment is mostly coursework-based, with a smaller weighting to an external exam. Details of all qualifications are provided in this booklet, including an overview of topics studied, details of assessment, and links to the exam board.

**If you have any queries, please email [pathways@q3langley.org.uk](mailto:pathways@q3langley.org.uk).**

Yours Faithfully,



Mr. Mills  
Vice Principal

# Pathways Overview

*(In addition to accredited qualifications, all students will have a lesson of Core P.E each week and study Personal Social and Health Education and Religious Studies throughout the year, during Tutor Time and Ethos Week).*

	Pathway 1	Pathway 2	Pathway 3
<b>GCSE English Language and Literature</b>	Yes	Yes	Yes
<b>GCSE Maths</b>	Yes	Yes	Yes
<b>Science</b>	Biology, Chemistry and Physics as separate GCSEs (Students on this Pathway will need to attend an extra lesson per week, in addition to the normal Academy day)	Trilogy– worth 2 GCSEs	Trilogy– worth 2 GCSEs
<b>Humanities</b>	Geography or History	Geography or History	Geography or History
<b>Languages</b>	French-X band/ Spanish- Y-band	French-X band/ Spanish- Y-band	No
<b>Option Subjects</b>	<p style="text-align: center;"><b>Two subjects from:</b></p> <ul style="list-style-type: none"> <li>• GCSE Art and Design (Fine Art) or GCSE Art and Design (Photography)</li> <li>• GCSE Business Studies or BTEC Enterprise</li> <li>• GCSE Film Studies</li> <li>• GCSE Religious Studies</li> <li>• GCSE Computer Science or OCR Cambridge Nationals IT</li> <li>• OCR Cambridge Nationals Child Development</li> <li>• OCR Cambridge Nationals Sports Studies</li> <li>• BTEC Health and Social Care</li> <li>• BTEC Travel and Tourism</li> <li>• NCFE – Level 2 Technical Award in Music Technology</li> <li>• BTEC Level 1/ 2 Tech Award in Performing Arts</li> <li>• GCSE Geography*</li> <li>• GCSE History*</li> </ul> <p>*All students study GCSE History or Geography- choosing one as an option allows students to study both subjects.</p>	<p style="text-align: center;"><b>Two subjects from:</b></p> <ul style="list-style-type: none"> <li>• GCSE Art and Design (Fine Art) or GCSE Art and Design (Photography)</li> <li>• GCSE Business Studies or BTEC Enterprise</li> <li>• GCSE Film Studies</li> <li>• GCSE Religious Studies</li> <li>• GCSE Computer Science or OCR Cambridge Nationals IT</li> <li>• OCR Cambridge Nationals Child Development</li> <li>• OCR Cambridge Nationals Sports Studies</li> <li>• BTEC Health and Social Care</li> <li>• BTEC Travel and Tourism</li> <li>• NCFE – Level 2 Technical Award in Music Technology</li> <li>• BTEC Level 1/ 2 Tech Award in Performing Arts</li> <li>• GCSE Geography*</li> <li>• GCSE History*</li> </ul> <p>*All students study GCSE History or Geography- choosing one as an option allows students to study both subjects.</p>	<p style="text-align: center;"><b>Three subjects from:</b></p> <ul style="list-style-type: none"> <li>• GCSE Art and Design (Fine Art) or GCSE Art and Design (Photography)</li> <li>• GCSE Business Studies or BTEC Enterprise</li> <li>• GCSE Film Studies</li> <li>• GCSE Religious Studies</li> <li>• GCSE Computer Science or OCR Cambridge Nationals IT</li> <li>• OCR Cambridge Nationals Child Development</li> <li>• OCR Cambridge Nationals Sports Studies</li> <li>• BTEC Health and Social Care</li> <li>• BTEC Travel and Tourism</li> <li>• NCFE – Level 2 Technical Award in Music Technology</li> <li>• BTEC Level 1/ 2 Tech Award in Performing Arts</li> <li>• GCSE Geography*</li> <li>• GCSE History*</li> </ul> <p>*All students study GCSE History or Geography- choosing one as an option allows students to study both subjects.</p>
<b>Further Maths</b>	<ul style="list-style-type: none"> <li>• AQA Certificate Level 2 Further Maths is available as an additional subject with lessons held between 07:45-08:45 on a Monday and Friday. Please see the information page in the booklet for more details.</li> </ul>		

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE English Language and Literature</b>
<b>Exam Board/Code</b>	AQA/Language – 8700; Literature - 8702
<b>Assessment Overview (Inc. Length and % weighting)</b>	Language – Paper 1 – 1hr 45 mins – 50% of Language GCSE; Language – Paper 2 – 1hr 45 mins – 50% of Language GCSE; Literature – Paper 1 – 1hr 45 mins – 40% of Literature GCSE; Literature – Paper 2 – 2hrs 15mins – 60% of Literature GCSE.
<b>Course Overview</b>	<p><b>GCSE English Language:</b></p> <ul style="list-style-type: none"> <li>• Reading and understanding Fiction and Non-Fiction Texts;</li> <li>• Analysing Language;</li> <li>• Analysing Structure;</li> <li>• Constructing Imaginative and Persuasive Writing.</li> </ul> <p><b>GCSE English Literature:</b></p> <ul style="list-style-type: none"> <li>• Reading and understanding 19<sup>th</sup> Century Fiction (<i>The Strange Case of Dr. Jekyll and Mr. Hyde</i>);</li> <li>• Reading and understanding Shakespeare (<i>Macbeth</i>);</li> <li>• Reading and understanding 20<sup>th</sup> Century prose (<i>Animal Farm</i>);</li> <li>• Reading, analysing, understanding and comparing Poetry (<i>Power and Conflict cluster &amp; Unseen Poetry</i>).</li> <li>• Constructing whole-text evaluative responses.</li> <li>• Analysing texts and comparing across texts.</li> </ul>
<b>Why should you study it?</b>	<p>English Language and Literature is a compulsory part of your education – all students must take the subjects at GCSE. However, English is exceptionally important as it impacts on every subject you take – it is where you develop reading skills, where you develop your ability to construct responses, and where you develop your writing ability. For the rest of your life, your qualifications in English will be essential to you, regardless of your path after Year 11.</p> <p>Furthermore, English provides an opportunity to learn about the world as it is now, and as it was before, through the medium of great texts. By studying English, you will not only unlock opportunities in your life (and open more doors than any other subject), but you will become a thoughtful, interesting, intelligent and insightful person too!</p>
<b>Key Contact</b>	Mr. Singh– <a href="mailto:RSingh@q3langley.org.uk">RSingh@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Mathematics</b>
<b>Exam Board/Code</b>	Pearson Edexcel/1MA1
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p>There are two tiers available: Foundation and Higher. This will largely be determined by student performance in their lessons and assessments from years 7-9 and is at the discretion of the Curriculum Director. Students will be entered for the tier that is best for them. Please be aware that changing tier during the course becomes very disrupting to student and will only be considered if absolutely necessary.</p> <p><b>Foundation tier:</b> Grades awarded are 1 to 5.  <b>Higher tier:</b> Grades awarded are 4 to 9.</p> <p>Paper 1: Non-Calculator - 1hr 30 mins - External Examination – 33.33%          Paper 2: Calculator - 1hr 30 mins – External Examination – 33.33%          Paper 3: Calculator - 1hr 30 mins – External Examination – 33.33%</p>
<b>Course Overview</b>	<p><b>Foundation and Higher tier:</b></p> <ul style="list-style-type: none"> <li>• Number: Structure and calculations; Fractions, decimal and percentages; Measures and accuracy.</li> <li>• Algebra: Notation, vocabulary and manipulation; Graphs; Solving equations and inequalities; Sequences.</li> <li>• Ratio, proportion and rates of change</li> <li>• Geometry and measures: Properties and constructions; Mensuration and calculation; Vectors.</li> <li>• Probability and statistics.</li> </ul> <p style="text-align: center;"><b><i>Please note – content will vary depending on the tier.</i></b></p>
<b>Why should you study it?</b>	<p>Mathematics is a compulsory part of your education – all students must take this at GCSE because of how important it is to your future education and life.</p> <p>Not only will you develop your numeracy skills, but you will improve your analytical and problem-solving skills, and develop your ability to analyse and interpret data. It also helps to develop your logical thinking, which helps to tackle day-to-day issues such as planning projects, managing budgets and debating effectively. As a result, you will be articulate and adaptable. These skills are highly favoured and sought after by employers, so obtaining a good Mathematics result will be extremely beneficial to your future.</p> <p>There are many possible careers you could pursue with Mathematics, such as Accountancy, Architecture, Engineering, and Banking, to name just a few!</p>
<b>Key Contact</b>	Mr. Albon – <a href="mailto:dalbon@q3langley.org.uk">dalbon@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>Level 2 Further Mathematics</b>
<b>Exam Board/Code</b>	AQA/8365
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p>Two external examinations at the end of year 11. Grades are awarded 5 to 9.</p> <p>Paper 1 – Non-calculator – 1hr 45mins (80 marks) – 50%</p> <p>Paper 2 – Calculator – 1hr 45mins (80 marks) – 50%</p>
<b>Course Overview</b>	<p>Much of the content covered in this course overlaps with GCSE Mathematics but there are some completely new topics that students would not otherwise see until A-level or beyond.</p> <p>Students will cover a wide range of content within the following topic areas:</p> <ul style="list-style-type: none"><li>• <i>Number;</i></li><li>• <i>Algebra;</i></li><li>• <i>Coordinate Geometry;</i></li><li>• <i>Calculus;</i></li><li>• <i>Matrix Transformations;</i></li><li>• <i>Geometry.</i></li></ul>
<b>Why should you study it?</b>	<p>Further Mathematics is a unique qualification designed to stretch and challenge high-achieving mathematicians who are expected to achieve the top grades in GCSE Mathematics, or are likely to progress to study A-level Mathematics and possibly A-level Further Mathematics.</p> <p>Students will be introduced to AS level topics that will help them to develop skills in algebra, geometry, calculus, matrices, trigonometry, functions, and graphs, giving them a significant head start if they do go on to study mathematics at A-level.</p> <p>The course is entirely optional and should not be entered into lightly, as a large proportion of the work will need to be completed independently. However, students will be given all the resources they need to succeed, including their own AQA textbook and revision guide.</p> <p>Students are only guaranteed a place on this course if they are predicted to achieve a grade 8 or above in GCSE, but those predicted a grade 7 may apply, and will be considered on an individual basis.</p>
<b>Key Contact</b>	Dr. Lambert – <a href="mailto:Llambert@q3langley.org.uk">Llambert@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Combined Science (Trilogy)</b>		
<b>Exam Board/Code</b>	AQA/8464		
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b>Assessment Overview:</b></p> <p>Biology Paper 1 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Biology Paper 2 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Chemistry Paper 1 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Chemistry Paper 2 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Physics Paper 1 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p> <p>Physics Paper 2 - 1hr 15 min exam (70 marks) - worth 16.7% of the GCSE</p>		
<b>Course Overview</b>	<b>Biology</b>	<b>Chemistry</b>	<b>Physics</b>
	<ul style="list-style-type: none"> <li>• Cell Biology;</li> <li>• Organisation;</li> <li>• Infection and Response;</li> <li>• Bioenergetics;</li> <li>• Homeostasis and response;</li> <li>• Inheritance, Variation and Evolution;</li> <li>• Ecology</li> </ul>	<ul style="list-style-type: none"> <li>• Atomic structure and the Periodic Table;</li> <li>• Bonding, Structure and the properties of matter;</li> <li>• Quantitative Chemistry;</li> <li>• Energy Changes;</li> <li>• Rate and extent of Chemical Change;</li> <li>• Organic Chemistry;</li> <li>• Chemical Analysis;</li> <li>• Chemistry of the atmosphere;</li> <li>• Using Resources.</li> </ul>	<ul style="list-style-type: none"> <li>• Energy;</li> <li>• Electricity;</li> <li>• Particle model of matter;</li> <li>• Atomic Structure;</li> <li>• Forces;</li> <li>• Waves;</li> <li>• Magnetism and Electromagnetism.</li> </ul>
<b>Why should you study it?</b>	<p>The ability to think scientifically is what sets the human race apart from all other species. Our ability to evaluate evidence and propose new theories has driven innovation throughout our history. In the modern world in which we live, the importance of being able to think scientifically is of paramount importance. A GCSE in Science not only equips students with the knowledge they need to understand the world around them, but it also develops the problem-solving skills needed to survive and thrive in a versatile range of future careers. This course provides a rigorous foundation in all three sciences that will allow students to go on to study Biology, Chemistry and Physics at A-level should they so choose.</p>		
<b>Key Contact</b>	Mrs. Cooper – <a href="mailto:RFisher@q3langley.org.uk">RFisher@q3langley.org.uk</a>		

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Separate Science</b>		
<b>Exam Board/Code</b>	AQA/8461 (Biology); 8462 (Chemistry) ; 8463 (Physics)		
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b>Assessment Overview:</b>            Biology Paper 1 - 1hr 45 min exam (100 marks) - worth 50% of the Biology GCSE            Biology Paper 2 - 1hr 45 min exam (100 marks) - worth 50% of the Biology GCSE            Chemistry Paper 1 - 1hr 45 min exam (100 marks) - worth 50% of the Chemistry GCSE            Chemistry Paper 2 - 1hr 45 min exam (100 marks) - worth 50% of the Chemistry GCSE            Physics Paper 1 - 1hr 45 min exam (100 marks) - worth 50% of the Physics GCSE            Physics Paper 2 - 1hr 45 min exam (100 marks) - worth 50% of the Physics GCSE</p> <p><i>Students receive 3 separate GCSEs in Biology, Chemistry and Physics, rather than the two awarded in Combined Science.</i></p>		
<b>Course Overview (Students study the same core content as Combined Science, but with additional content in each topic area)</b>	<b>Biology</b>	<b>Chemistry</b>	<b>Physics</b>
	<ul style="list-style-type: none"> <li>• Cell Biology;</li> <li>• Organisation;</li> <li>• Infection and Response;</li> <li>• Bioenergetics;</li> <li>• Homeostasis and response;</li> <li>• Inheritance, Variation and Evolution;</li> <li>• Ecology</li> </ul>	<ul style="list-style-type: none"> <li>• Atomic structure and the Periodic Table;</li> <li>• Bonding, Structure and the properties of matter;</li> <li>• Quantitative Chemistry;</li> <li>• Energy Changes;</li> <li>• Rate and extent of Chemical Change;</li> <li>• Organic Chemistry;</li> <li>• Chemical Analysis;</li> <li>• Chemistry of the atmosphere;</li> <li>• Using Resources.</li> </ul>	<ul style="list-style-type: none"> <li>• Energy;</li> <li>• Electricity;</li> <li>• Particle model of matter;</li> <li>• Atomic Structure;</li> <li>• Forces;</li> <li>• Waves;</li> <li>• Magnetism and Electromagnetism.</li> <li>• Space</li> </ul>
<b>Why should you study it?</b>	<p>The Separate Science course is taught outside of the normal Academy hours. The sessions take place once per week after school, and they are compulsory to attend as part of the timetable. Separate Science is not an 'option' subject. Students who have shown consistently high attainment in Science may be invited to study Separate Science at GCSE, providing their Learning Consultants believe they will cope with the increased rigour and demand of this challenging GCSE.</p>		
<b>Key Contact</b>	Mrs. Cooper – <a href="mailto:RFisher@q3langley.org.uk">RFisher@q3langley.org.uk</a>		

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE French</b>
<b>Exam Board/Code</b>	AQA/8658
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b>Assessment Overview:</b>            Paper 1- Listening – 35 mins (F) &amp; 45 mins (H) - worth 25% of the overall GCSE            Paper 2 – Speaking – 7-9 mins (F) &amp; 10-12 mins (H) - worth 25% of the overall GCSE            Paper 3 – Reading – 45 mins (F) &amp; 1 hour (H) - worth 25% of the overall GCSE            Paper 4 – Writing 1 hour (F) &amp; 1 hour 15 (H) - worth 25% of the overall GCSE</p>
<b>Course Overview</b>	<p>GCSE French will cover the following topics:</p> <p><b><u>Topic 1: Identity and Culture</u></b></p> <ul style="list-style-type: none"> <li>• Me, my family and friends;</li> <li>• Technology in everyday life;</li> <li>• Free-time activities;</li> <li>• Customs and festivals in French-speaking countries/communities.</li> </ul> <p><b><u>Topic 2: Local, national, international and global areas of interest</u></b></p> <ul style="list-style-type: none"> <li>• Home, town, neighbourhood and region;</li> <li>• Social issues;</li> <li>• Global issues;</li> <li>• Travel and tourism.</li> </ul> <p><b><u>Topic 3: Current and future study and employment</u></b></p> <ul style="list-style-type: none"> <li>• My studies;</li> <li>• Life at school/college;</li> <li>• Post-16 Education;</li> <li>• Jobs, career choices and ambitions.</li> </ul>
<b>Why should you study it?</b>	<p>In a multicultural society, it is essential that students have the opportunity to be enlightened by what surrounds them in this increasingly connected world. The ability to learn a Modern Foreign Language is a skill that many other students of their age will not have, thus allowing our students to stand out from the crowd. Learning a language is difficult, yet one of the most rewarding things that you can do. If you speak a language fluently, you will never struggle for work. With a language, you are not limited to the jobs in your local area: you can apply for jobs anywhere in the world! Finally, students with a foreign language at GCSE statistically earn more money than students without this qualification.</p>
<b>Key Contact</b>	Miss Goodbourn – <a href="mailto:AGoodbourn@q3langley.org.uk">AGoodbourn@q3langley.org.uk</a> Miss Wade – <a href="mailto:EWade@q3langley.org.uk">EWade@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Spanish</b>
<b>Exam Board/Code</b>	AQA/8698
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b>Assessment Overview:</b></p> <p>Paper 1- Listening – 35 mins (F) &amp; 45 mins (H) - worth 25% of the overall GCSE</p> <p>Paper 2 – Speaking – 7-9 mins (F) &amp; 10-12 mins (H) - worth 25% of the overall GCSE</p> <p>Paper 3 – Reading – 45 mins (F) &amp; 1 hour (H) - worth 25% of the overall GCSE</p> <p>Paper 4 – Writing 1 hour (F) &amp; 1 hour 15 (H) - worth 25% of the overall GCSE</p>
<b>Course Overview</b>	<p>GCSE Spanish will cover the following topics:</p> <p><b><u>Topic 1: Identity and Culture</u></b></p> <ul style="list-style-type: none"> <li>• Me, my family and friends;</li> <li>• Technology in everyday life;</li> <li>• Free-time activities;</li> <li>• Customs and festivals in Spanish-speaking countries/communities.</li> </ul> <p><b><u>Topic 2: Local, national, international and global areas of interest</u></b></p> <ul style="list-style-type: none"> <li>• Home, town, neighbourhood and region;</li> <li>• Social issues;</li> <li>• Global issues;</li> <li>• Travel and tourism.</li> </ul> <p><b><u>Topic 3: Current and future study and employment</u></b></p> <ul style="list-style-type: none"> <li>• My studies;</li> <li>• Life at school/college;</li> <li>• Education Post-16;</li> <li>• Jobs, career choices and ambitions.</li> </ul>
<b>Why should you study it?</b>	<p>In a multicultural society, it is essential that students have the opportunity to be enlightened by what surrounds them in this increasingly connected world. The ability to learn a Modern Foreign Language is a skill that many other students of their age will not have, thus allowing our students to stand out from the crowd. Learning a language is difficult, yet one of the most rewarding things that you can do. If you speak a language fluently, you will never struggle for work. With a language, you are not limited to the jobs in your local area: you can apply for jobs anywhere in the world! Finally, students with a foreign language at GCSE statistically earn more money than students without this qualification.</p>
<b>Key Contact</b>	<p>Miss Goodbourn – <a href="mailto:AGoodbourn@q3langley.org.uk">AGoodbourn@q3langley.org.uk</a></p> <p>Miss Wade – <a href="mailto:EWade@q3langley.org.uk">EWade@q3langley.org.uk</a></p>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Geography</b>
<b>Exam Board/Code</b>	AQA/8035
<b>Assessment Overview (Inc. Length and % weighting)</b>	Paper 1 – 1hr 30 mins – External Examination – 35% Paper 2 – 1hr 30 mins – External Examination – 35% Paper 3 – 1hr 15 mins – External Examination – 30%
<b>Course Overview</b>	<p><b><u>Unit 1 - Living With the Physical Environment:</u></b></p> <ul style="list-style-type: none"><li>• The Challenge of Natural Hazards;</li><li>• The Living World;</li><li>• Physical Landscapes in the U.K.</li></ul> <p><b><u>Unit 2 - Challenges in the Human Environment:</u></b></p> <ul style="list-style-type: none"><li>• Urban Issues and Challenges;</li><li>• The Changing Economic World;</li><li>• The Challenge of Resource Management.</li></ul> <p><b><u>Unit 3 - Geographical Applications:</u></b></p> <ul style="list-style-type: none"><li>• Issue Evaluation;</li><li>• Fieldwork and Geographical Skills.</li></ul>
<b>Why should you study it?</b>	<p>In a dynamic and often volatile world, having a good understanding of Geography is extremely important. Geography helps students to make sense of the world they live in, understand the complex relationships between people and the natural environment and gain an appreciation of the importance of sustainability. Geography helps students to develop a broad range of skills, including data analysis, numeracy and literacy. Geographers are employed in a wide range of industries including urban planning, environmental management, public services and the armed forces. Russell Group universities recognise the academic rigour of Geography, identifying it as a preferred facilitating subject for access to higher education.</p>
<b>Key Contact</b>	Miss Gilhooley– <a href="mailto:EGilhooley@q3langley.org.uk">EGilhooley@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE History</b>
<b>Exam Board/Code</b>	Edexcel/1H10
<b>Assessment Overview (Inc. Length and % weighting)</b>	Paper 1 - 1 hour and 15 minutes, 30% of the qualification Paper 2 - 1 hour and 45 minutes, 40% of the qualification Paper 3 - 1 hour and 20 minutes, 30% of the qualification
<b>Course Overview</b>	<p>GCSE History will cover the following topics:</p> <p><b><u>Thematic Study and Historic Environment</u></b></p> <ul style="list-style-type: none"><li>• Medicine in Britain, c1250–present <b>or</b> Warfare and British society, c1250–present</li></ul> <p><b><u>Period Study and British Depth Study</u></b></p> <ul style="list-style-type: none"><li>• Superpower relations and the Cold War, 1941–91;</li><li>• Anglo-Saxon and Norman England, c1060–88.</li></ul> <p><b><u>Modern Depth Study</u></b></p> <ul style="list-style-type: none"><li>• Weimar and Nazi Germany, 1918–39</li></ul>
<b>Why should you study it?</b>	<p>It is often said that one must understand one's past in order to appreciate the present and master the future. Studying History is an opportunity to not only investigate Britain's heritage, but to explore a diverse network of histories and experiences, from Anglo-Saxon England to the shadow of Hitler's Germany. This allows students to observe the world around them through the rich and varied lens of other people and develop a better appreciation of not only the ideas that have shaped our society, but the culture, economics and politics that dominate it.</p> <p>This course develops students' analysis and writing skills, encouraging them to be critical thinkers who can pick ideas apart. The emphasis on essay writing makes this a rigorous and academic choice that is respected by Russell Group universities. Moreover, the transferable skills gained through studying History mean that it opens doors to a host of possible careers, including Law, Accountancy and Politics.</p>
<b>Key Contact</b>	Mr. Dale – <a href="mailto:RDale@q3langley.org.uk">RDale@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Art and Design (Fine Art or Photography)</b>
<b>Exam Board/Code</b>	AQA/8202
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b>Portfolio Project</b> – Preparatory period followed by 10 hours of supervised time- 60%</p> <p><b>External set assignment Exam Paper</b> - Preparatory period followed by 10 hours of supervised time- 40%</p>
<b>Course Overview</b>	<p><b><u>Component 1: Portfolio</u></b></p> <p>Each student must present a portfolio representative of their course of study. The portfolio must include:</p> <ul style="list-style-type: none"> <li>• A sustained project developed in response to a subject, theme, task or brief;</li> <li>• A selection of further work resulting from activities such as trials and experiments; skills-based workshops; mini and/or foundation projects; responses to gallery, museum or site visits; work placements; independent study.</li> </ul> <p><b><u>Component 2: Externally set assignment</u></b></p> <p>AQA will provide a separate externally set assignment for each title, each with seven different starting points. Students must select and respond to one starting point from their chosen title. A preparation is followed by 10 hours of supervised unaided work in which students are required to realise their intentions. Students must not undertake any further preparatory studies once the first period of supervised time starts.</p>
<b>Why should you study it?</b>	<p>From the minute we are born, we explore through visual and kinaesthetic learning. Art is used not only to express feelings and emotions, but can help to support mental wellbeing and provides a way to work in a more practical way whilst still developing cultural understanding. No matter what the definition of Art may be, it has been around us for as long as humans have existed (i.e. cave paintings, hieroglyphics). Whether or not we are aware of it, we allow art to affect our lives one way or another, and the reasons why we make art are many. We use art for our entertainment, cultural appreciation, aesthetics, personal improvement, and even social change. We use art in order to thrive in this world.</p> <p>“The earth without art is just eh.” - Demetri Martin</p>
<b>Key Contact</b>	Mrs. Barlow – <a href="mailto:SBarlow@q3langley.org.uk">SBarlow@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Business</b>
<b>Exam Board/Code</b>	AQA/8132
<b>Assessment Overview (Inc. length and % weighting)</b>	<p>Paper 1: Influences of Marketing and Finance on Business Activity. Written examination: 1 hour 45 minutes – 50% of qualification.</p> <p>Paper 2: Influences of Operation and Human Resources on Business Activity. Written examination: 1 hour 45 minutes 50% of qualification.</p>
<b>Course Overview</b>	<p>The content is presented in six clear and distinct topic areas:</p> <p><b><u>Business Activity</u></b> - Learners understand the nature of business activity and how it is concerned with meeting the needs of customers by providing a product or service.</p> <p><b><u>Influences on Business</u></b> - Learners understand that all businesses operate in an external environment and there are a number of external influences that impact on business activity.</p> <p><b><u>Business Operations</u></b> - Learners understand that business operations are concerned with the efficient management of the key functions and resources within a business to maximise profit.</p> <p><b><u>Finance</u></b> - Learners need to understand that the finance function manages the financial activities of a business.</p> <p><b><u>Marketing</u></b> - Learners understand that marketing involves identifying, anticipating and satisfying customer needs in a profitable way.</p> <p><b><u>Human Resources</u></b> - Learners understand that human resources focus on the human function within a business.</p>
<b>Why should you study Business GCSE?</b>	<p>The world of Business is constantly changing, environments and contexts continually push Business founders and CEOs to be more creative in addressing these impactful chances. The way they operate continues to draw attention and the levels of scrutiny remain high. The sum of Business is far greater than simply its parts. All young people are stakeholders in society and as each individual enters the world of work, continues onto further education or even chooses to run their own business, all will take up their role in the global community.</p> <p>Business gives young people the skills to understand the inner workings of Businesses and the wider economy, something that all people should have if they are going to be successful in today's world.</p>
<b>Key Contact</b>	Mrs. Perrin – <a href="mailto:S.Perrin@q3langley.org.uk">S.Perrin@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Film Studies</b>
<b>Exam Board/Code</b>	WJEC/603/0889/8
<b>Assessment Overview (Inc. Length and % weighting)</b>	External Assessment – Paper 1 – 1hr 30 mins – 35% External Assessment – Paper 2 – 1hr 30 mins – 35% Internal Assessment (Coursework) – 30%
<b>Course Overview</b>	<p><b><u>Paper 1 – Key Developments in U.S Film</u></b></p> <ul style="list-style-type: none"> <li>• <b>One</b> comparative study of a pair of mainstream genre films (from a choice of five pairs). Each pair of films includes <b>one</b> film produced between 1930 and 1960 and <b>one</b> film produced between 1961 and 1990.</li> <li>• <b>One</b> independently produced film, from a choice of five recent films.</li> </ul> <p><b><u>Paper 2 – Narrative, Representation and Film Style</u></b></p> <p>Learners will be required to study <b>three</b> films from outside the US for this component:</p> <ul style="list-style-type: none"> <li>• <b>One</b> global English language film, from a choice of three, produced outside the US.</li> <li>• <b>One</b> global non-English language film, from a choice of three.</li> <li>• <b>One</b> UK film, from a choice of three, produced since 2010.</li> </ul> <p><b><u>Internal Assessment – Coursework</u></b></p> <p>Students produce a screenplay to the opening of a film in a chosen genre. Students also produce an Evaluative Analysis, comparing their Production piece with existing screenplays, to evaluate its success.</p>
<b>Why should you study it?</b>	<p>Film Studies is an extremely interesting subject, that could not be more relevant in the 21<sup>st</sup> Century! Some say that films are like the books of the current generation, where we can explore meaning and understand the world through an audio-visual means.</p> <p>In Film Studies, students will learn about the history of cinema, as well as experience, analyse, compare between and understand a wide range of film texts.</p> <p>Not only will Film Studies improve you across many subjects, but it will expand your horizons, and experience new parts of the world, all from the safety of your classroom!</p>
<b>Key Contact</b>	Miss Williams – <a href="mailto:SWilliams@q3langley.org.uk">SWilliams@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Religious Studies B</b>
<b>Exam Board/Code</b>	Edexcel/1RBO
<b>Assessment Overview (Inc. Length and % weighting)</b>	Paper 1 Christianity - 1hr 45 min exam- 50% Paper 2 Islam - 1hr 45 min exam- 50%
<b>Course Overview</b>	<p>GCSE Religious Studies B will cover the following topics:</p> <p><b><u>Christianity</u></b></p> <ul style="list-style-type: none"><li>• Christian Beliefs;</li><li>• Marriage and the Family;</li><li>• Living the Religious Life;</li><li>• Matters of Life and Death.</li></ul> <p><b><u>Islamic Studies</u></b></p> <ul style="list-style-type: none"><li>• Muslim Beliefs;</li><li>• Crime and Punishment;</li><li>• Living the Religious Life;</li><li>• Peace and Conflict.</li></ul>
<b>Why should you study it?</b>	<p>Religious Studies is a rigorous and demanding academic discipline in its own right. It engenders critical thinking and rigour in the search for truths in uncertain fields. It encourages philosophical thought, decision-making skills, collaboration and independent-working skills and the search for compromise and conflict resolutions that work. It creates opportunities for students to develop their skills of dialogue, interpretation and analysis in a coherent context. These are all vital skills in a modern workforce where communication, collaboration and cooperation are core skills. Religious Studies students learn to respect themselves and understand their own identity, to respect others, and to understand their own and others' rights and responsibilities. At a time when communities are becoming more diverse there is an even greater need for a more religiously literate and tolerant society. Religious Studies plays a key role in creating social cohesion and generating genuine understanding between communities reducing friction, intolerance and social unrest – something we value highly at Q3 Academy Langley.</p>
<b>Key Contact</b>	Mr. Alexander - <a href="mailto:SAlexander@q3langley.org.uk">SAlexander@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Design &amp; Technology</b>
<b>Exam Board/Code</b>	Edexcel – 1DT0
<b>Assessment Overview (Inc. Length and % weighting)</b>	Written examination – 100 marks – 1hr 45 mins – 50% Non-examined assessment – 100 marks – 50%
<b>Course Overview</b>	<p><b><u>Written examination – 1DT0/1A, 1B, 1C, 1D, 1E, 1F</u></b></p> <p>The paper consists of two sections:</p> <ul style="list-style-type: none"><li>• Section A assesses the core content.</li><li>• Section B assesses the material category students have chosen from the following:<ul style="list-style-type: none"><li>○ Metals;</li><li>○ Papers and boards;</li><li>○ Polymers;</li><li>○ Systems;</li><li>○ Textiles;</li><li>○ Timbers.</li></ul></li></ul> <p><b><u>Non-examined assessment – 1DT0/02</u></b></p> <p>Students will undertake a project based on a contextual challenge released by Edexcel on 1<sup>st</sup> June, a year before certification. The task will then be internally assessed and externally moderated. This component will assess:</p> <ul style="list-style-type: none"><li>• 1 – Investigate;</li><li>• 2 – Design;</li><li>• 3 – Make;</li><li>• 4 – Evaluate .</li></ul>
<b>Why should you study it?</b>	<p>This exciting GCSE gives you an excellent opportunity to investigate how the products we use on a daily basis were designed and made, and to develop your creative skills so you can create the next generation of products. You'll complete some fascinating, in-depth research to support and strengthen your invention, whilst also making use of some high-end CAD software.</p> <p>The course will help you learn about critical thinking, analysis and problem solving – every product in the world has come about due to a problem arising somewhere. We hope you'll find it a fun and interesting way to develop these skills, which can also be transferred to other subjects and even applied in day-to-day life.</p>
<b>Key Contact</b>	Mr. Dhaliwal – <a href="mailto:TDhaliwal@q3langley.org.uk">TDhaliwal@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>GCSE Computer Science</b>
<b>Exam Board/Code</b>	OCR – J277
<b>Assessment Overview (Inc. Length and % weighting)</b>	External Assessment – Paper 1 – 1 hr 30 mins – 50% External Assessment – Paper 2 – 1 hr 30 mins – 50%
<b>Course Overview</b>	<p><b><u>Paper 1 – J277/01: Computer systems</u></b> This component will assess:</p> <ul style="list-style-type: none"><li>• 1.1 Systems architecture;</li><li>• 1.2 Memory and storage;</li><li>• 1.3 Computer networks, connections and protocols;</li><li>• 1.4 Network security;</li><li>• 1.5 Systems software;</li><li>• 1.6 Ethical, legal, cultural and environmental impacts of digital technology.</li></ul> <p><b><u>Paper 2 – J277/02: Computational thinking, algorithms and programming</u></b> This component will assess:</p> <ul style="list-style-type: none"><li>• 2.1 Algorithms;</li><li>• 2.2 Programming fundamentals;</li><li>• 2.3 Producing robust programs;</li><li>• 2.4 Boolean logic;</li><li>• 2.5 Programming languages and Integrated Development environments.</li></ul>
<b>Why should you study it?</b>	<p>This exciting GCSE gives you an excellent opportunity to investigate how computers work, how they're used, and to develop computer programming and problem-solving skills. You'll also do some fascinating in-depth research and practical work. For example, some of the current investigations look at Python, encryption and assembly language programming.</p> <p>The course will help you learn about critical thinking, analysis and problem solving. We hope you'll find it a fun and interesting way to develop these skills, which can also be transferred to other subjects and even applied in day-to-day life.</p>
<b>Key Contact</b>	Mr. Khan – <a href="mailto:MKhan@q3langley.org.uk">MKhan@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>NCFE – Level 2 Technical Award in Music Technology</b>
<b>Exam Board/Code</b>	601/6774/9
<b>Assessment Overview (Inc. Length and % weighting)</b>	<ul style="list-style-type: none"><li>• Portfolio of evidence from the qualification - 50%</li><li>• 2 hour exam including a listening task – 15%</li><li>• 2 hour exam assessing the application of knowledge and skills – 35%</li></ul>
<b>Course Overview</b>	<p>Music Tech will cover the following topics:</p> <p><b><u>Using a DAW – coursework</u></b></p> <ul style="list-style-type: none"><li>• Understanding how the hardware and software components of a DAW work together.</li><li>• Use a DAW to create a musical project.</li></ul> <p><b><u>Creating music – coursework</u></b></p> <ul style="list-style-type: none"><li>• Understanding the musical elements of different styles of music.</li><li>• Composing a piece of music in a particular style.</li></ul> <p><b><u>Studio recording – coursework</u></b></p> <ul style="list-style-type: none"><li>• Understanding how equipment can be used effectively to record different musical instruments.</li><li>• Plan and undertake a recording session.</li><li>• Mix a multi-track recording.</li></ul> <p><b><u>Sound creation – coursework</u></b></p> <ul style="list-style-type: none"><li>• Different forms of media and how sound is created for them.</li><li>• Create the sound for a chosen form of media.</li></ul>
<b>Why should you study it?</b>	<p>From the music we listen to, to the films we watch or games we play, sound is used to enhance our experience of everything. Would it not be wonderful to understand it and how it is done? This course enables the development of skills, knowledge and understanding of the music technology industry from many different angles.</p> <p>By gaining a Level 2 qualification in Music Technology, it could unlock doors into multiple careers – the skills you gain might help you in the music and sound industry, but they are also transferable to a wide range of careers.</p> <p>Why would you not choose music technology?!</p>
<b>Key Contact</b>	Mr MacBean – <a href="mailto:CMacBean@q3langley.org.uk">CMacBean@q3langley.org.uk</a>

### Q3 Academy Langley – Pathways Information – Courses

*\*This course has been adjusted due to changes to 2024 accountability measures*

<b>Subject/Course Title:</b>	<b>Pearson BTEC Level 1/Level 2 Tech Award in Performing Arts</b>
<b>Exam Board/Code</b>	Pearson BTEC
<b>Assessment Overview (Inc. Length and % weighting)</b>	<ul style="list-style-type: none"><li>• Exploring the Performing Arts – 30%</li><li>• Developing Skills and Techniques in the Performing Arts – 30%</li><li>• Responding to a Brief – 40%</li></ul>
<b>Course Overview</b>	<p>The internal assessment units allow for students to develop their understanding of professional practitioners' work, exploring the inter-relationship between pieces of existing performance material.</p> <p>They also provide students with a platform to develop their own skills for performance, developed through rehearsal. A key feature of this process is reflecting, reviewing and developing one's own performance. Performances can be in the role of performer or production.</p> <p>For the externally assessed unit, students will be given a brief for a workshop performance – they will need to use their understanding of wider practitioners, their own ability to select and apply skills that meet the requirements of the brief, and complete an exam-based assessed responding to questions drawn from the brief. Performances are recorded and externally assessed.</p>
<b>Why should you study it?</b>	<p>Drama and Performing Arts is at the absolute edge of creativity, fast becoming one of the most important currencies of the 21<sup>st</sup> Century. Within this course, the focus is really on developing your craft as a performer, and understanding of how performances are put together.</p> <p>This course is for those who have things they would like to express, but also for those who respect the ways in which ideas are communicated. In a world where everything is analysed, from words to presentation, wouldn't you like to be able to learn how to control how you come across? If you love Drama, this is the course for you – so much performance, creation and delivery.</p>
<b>Key Contact</b>	Miss Gibbs – <a href="mailto:JGibbs@q3langley.org.uk">JGibbs@q3langley.org.uk</a>

### Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>OCR Level 1/ 2 Child Development</b>
<b>Exam Board/Code</b>	OCR Cambridge Nationals – R018, R019 and R020
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b>R018: Health and well-being for child development</b> (Mandatory Unit) - 1 hour and 15 minutes written paper (50%)</p> <p><b>R019: Understand the equipment and nutritional needs of children from birth to five years</b> (Mandatory Unit) - Coursework (linked to practical) (25%)</p> <p><b>R020: Understand the development of a child from birth to five years</b> (Mandatory Unit) - Coursework (linked to practical) (25%)</p>
<b>Course Overview</b>	<p>OCR Child Development will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Reproduction and the roles and responsibilities of parenthood;</li> <li>• Antenatal care and preparation for birth;</li> <li>• Postnatal checks, postnatal provision and conditions for development;</li> <li>• Childhood illnesses;</li> <li>• Child safety;</li> <li>• The key factors when choosing equipment for babies from birth to 12 months and one to five years;</li> <li>• Nutritional guidelines and requirements for children from birth to five years;</li> <li>• Feeding solutions for children from birth to five years;</li> <li>• Physical, intellectual and social developmental norms from birth to five years;</li> <li>• The benefits of learning through play;</li> <li>• Different play activities for a chosen developmental area with a child from birth to five years.</li> </ul>
<b>Why should you study it?</b>	<p>Child Development gives the opportunity to develop applied knowledge and practical skills in child development. It is designed with both practical and theoretical elements, which will prepare students for further qualifications in Child Care, Health and Social Care, Psychology, Sociology and Biology.</p> <p>This subject will allow students to develop a range of transferable skills such as: creativity, communication skills, presentation skills, decision-making, monitoring skills whilst boosting their general confidence in how to support a child in their development.</p>
<b>Key Contact</b>	Ms. Mohr – <a href="mailto:MMohr@q3langley.org.uk">MMohr@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>OCR Level 1/ 2 Sports Studies</b>
<b>Exam Board/Code</b>	OCR Cambridge Nationals - J803, J813
<b>Assessment Overview (Inc. Length and % weighting)</b>	Contemporary Issues - 1 hour written paper (25%) Developing Skills - Coursework (linked to practical) (25%) Sports Leadership - Coursework (linked to practical) (25%) Sport in the Media- Coursework (25%)
<b>Course Overview</b>	<p><b>Contemporary Issues in Sports:</b> Barriers to sports and sports participation; Values in sport; Performance Enhancing Drugs; Sporting Events; National Governing Bodies; Sports Funding.</p> <p><b>Developing Sports Skills:</b> Analytical skills on sporting performance; Identifying strengths and weaknesses to performance; Coaching sessions and development.</p> <p><b>Sports Leadership:</b> Leaders in sport; Values and attributes of leaders; Planning and delivering sports sessions.</p> <p><b>Sport in the Media:</b> Know how sport is covered across the media; Understand positive effects that the media can have on sport; Understand negative effects that the media can have on sport; Understand the relationship between sport and the media; Be able to evaluate media coverage of sport.</p>
<b>Why should you study it?</b>	<p>Physical Education gives the opportunity to develop a range of transferable skills including: decision-making, psychological understanding of people, independent-thinking, problem-solving and analytical skills as well as thinking, acting and reacting under pressure.</p> <p>Through an introduction to all areas of Physical Education, you will receive a well-rounded and full introduction to this fascinating industry of Physical Education, physical activity and sport, which can open a range of possibilities for further study and also into careers associated with the subject.</p>
<b>Key Contact</b>	Mr. Stimpson – <a href="mailto:MStimpson@q3langley.org.uk">MStimpson@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>Cambridge National in Information Technologies</b>
<b>Exam Board/Code</b>	OCR/J836
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b>R050: IT in the digital world</b> (Mandatory Unit) 1 hour 30 mins - Written Exam, (40%)</p> <p><b>R060: Data manipulation using spreadsheets</b> (Mandatory Unit) - Coursework (linked to practical) (30%)</p> <p><b>R070: Using augmented reality to present information</b> (Mandatory Unit) - Coursework (linked to practical) (30%)</p>
<b>Course Overview</b>	<p><b>(R050) – IT in the digital world</b> The exam assesses a student’s understanding of tools, techniques, methods and processes for technological solutions. In this unit students will learn about designing and testing concepts for creating an IT solution or product, and the uses of IT in the digital world. Topics include:</p> <ul style="list-style-type: none"> <li>• Design Tools;</li> <li>• Human Computer Interface (HCI) in everyday life;</li> <li>• Data and testing;</li> <li>• Cyber-security and legislation;</li> <li>• Digital Communications;</li> <li>• Internet of Everything (IoE).</li> </ul> <p><b>(R060) - Data manipulation using spreadsheets</b> This is assessed by completing a set assignment. In this unit students will learn how to plan, design, create, test and evaluate a data manipulation spreadsheet solution to meet a client’s requirements. They will be able to evaluate their solution based on the user requirements. Topics include:</p> <ul style="list-style-type: none"> <li>• Planning and designing the spreadsheet solution;</li> <li>• Creating the spreadsheet solution;</li> <li>• Testing the spreadsheet solution;</li> <li>• Evaluating the spreadsheet solution.</li> </ul> <p><b>(R070) - Using augmented reality to present information</b> This is assessed by completing a set assignment. In this unit students will learn how to design, create, test and review an Augmented Reality model prototype to meet a client’s requirements. Topics include:</p> <ul style="list-style-type: none"> <li>• Augmented Reality (AR);</li> <li>• Designing an Augmented Reality (AR) model prototype;</li> <li>• Creating an Augmented Reality (AR) model prototype ;</li> <li>• Testing and reviewing.</li> </ul>
<b>Why should you study it?</b>	<p>You may be interested in this if you want an engaging qualification where you will use your learning in practical, real-life situations, such as:</p> <ul style="list-style-type: none"> <li>• Using different applications and tools to design;</li> <li>• Creating and evaluating IT solutions and products;</li> <li>• Creating a data manipulation solution;</li> <li>• Creating an Augmented Reality (AR) prototype.</li> </ul> <p>This will help you to develop independence and confidence in using skills that would be relevant to the IT sector.</p>
<b>Key Contact</b>	Mr. Khan – <a href="mailto:MKhan@q3langley.org.uk">MKhan@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>Edexcel Pearson BTEC Level 1/ 2 Tech Award in Enterprise</b>
<b>Exam Board/Code</b>	603/1916/1
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b><u>Component 1: Exploring Enterprises</u></b> Assessment: Coursework based - Internal with external moderation. Weighting: 30% of qualification.</p> <p><b><u>Component 2: Planning and Presenting a Micro Enterprise Idea</u></b> Assessment: Coursework based - Internal with external moderation. Weighting: 30% of qualification.</p> <p><b><u>Component 3: Marketing and Finance for Enterprise</u></b> Assessment: External examination. Weighting: 40% of qualification.</p>
<b>Course Overview</b>	<p>The content is presented as three distinct Components which cover a breadth of learning about Business.</p> <p><b><u>Component 1: Exploring Enterprises</u></b> Learners will understand: How and why enterprises and entrepreneurs are successful Customer needs and competitor behaviour through market research How the outcomes of situational analyses may affect enterprises</p> <p><b><u>Component 2: Planning and Presenting a Micro Enterprise Idea</u></b> Learners will generate two realistic ideas for a micro-enterprise and choose one of these to plan within budget. They will individually present their business plan for their idea and review the production and delivery of their presentation to make recommendations for improvements.</p> <p><b><u>Component 3: Marketing and Finance for Enterprise</u></b> Learners will explore how marketing is used by enterprises and the factors that influence how enterprises identify and target their market. Learners will complete financial documents and statements and explore how to use them to monitor and improve the performance of an enterprise in order to make decisions and recommend strategies for success.</p>
<b>Why should you study it?</b>	<p>Business is front page news. The way they operate continues to draw attention and the levels of scrutiny remain high. The sum of Business is far greater than simply its parts. All young people are stakeholders in society and as each individual enters the world of work, continues onto further education or even chooses to run their own business, all will take up their role in the global community.</p> <p>Business gives young people the skills to understand the inner workings of Businesses and the wider economy, something that all people should have if they are going to be successful in today's world.</p>
<b>Key Contact</b>	Mrs. Perrin – <a href="mailto:S.Perrin@q3langley.org.uk">S.Perrin@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>BTEC Tech Award in Health and Social Care Level 1/2</b>
<b>Exam Board/Code</b>	Pearson - 603/0395/5
<b>Assessment Overview (Inc. Length and % weighting)</b>	<p><b>Component 1</b> – Human Lifespan Development – Internal Coursework (30%)</p> <p><b>Component 2</b> – Health and Social Care Services and Values – Internal Coursework (30%)</p> <p><b>Component 3</b> – Health and Well-being – External Exam (40%)</p>
<b>Course Overview</b>	<p><b><u>Human Lifespan Development:</u></b></p> <ul style="list-style-type: none"> <li>- Human growth and development across life stages;</li> <li>- Factors affecting growth and development;</li> <li>- Different types of life events;</li> <li>- Coping with change caused by life events.</li> </ul> <p><b><u>Health and Social Care Services and Values:</u></b></p> <ul style="list-style-type: none"> <li>- Health and Social Care services;</li> <li>- Barriers to accessing services;</li> <li>- Care values;</li> <li>- Reviewing own application of care values.</li> </ul> <p><b><u>Health and Well-being:</u></b></p> <ul style="list-style-type: none"> <li>- Factors affecting health and well-being;</li> <li>- Physiological and lifestyle indicators;</li> <li>- Health and well-being improvement plans and obstacles to implementation.</li> </ul>
<b>Why should you study it?</b>	<p>Rising demand for healthcare means that the NHS is treating more patients than ever before. Health and Social Care allows students to develop healthcare sector specific knowledge and skills in a practical learning environment covering three main areas (outlined above). Opportunities are therefore available for Health and Social Care students to pursue careers within the healthcare system, including: clinical support staff, such as donor carers; allied health professionals, such as radiographers and orthoptists; and specialist therapy staff, such as occupational therapists, speech therapists and art therapists.</p>
<b>Key Contact</b>	Miss Deasy – <a href="mailto:NDeasy@q3langley.org.uk">NDeasy@q3langley.org.uk</a>

## Q3 Academy Langley – Pathways Information - Courses

<b>Subject/Course Title:</b>	<b>BTEC Tech Award in Travel and Tourism Level 1/2</b>
<b>Exam Board/Code</b>	Pearson - 603/3038/7
<b>Assessment Overview (Inc. Length and % weighting)</b>	Component 1 – Travel and Tourism Organisations and Destinations – Internal Coursework (30%) Component 2 – Influences on Global Travel and Tourism – External Exam (40%) Component 3 – Customer Needs in Travel and Tourism (30%)
<b>Course Overview</b>	<p><b><u>Component 1 - Travel and Tourism Organisations and Destinations</u></b></p> <ul style="list-style-type: none"><li>- Students will explore types of travel and tourism and the features that make destinations appealing to visitors.</li></ul> <p><b><u>Component 2 - Influences on Global Travel and Tourism</u></b></p> <ul style="list-style-type: none"><li>- Students will examine the potential impacts of tourism at global destinations, and how destinations can manage the impacts of tourism and control tourism development to achieve sustainable tourism.</li></ul> <p><b><u>Component 3 - Customer Needs in Travel and Tourism</u></b></p> <ul style="list-style-type: none"><li>- Students will apply their understanding by selecting products and services, and planning a holiday to meet customer needs and preferences.</li></ul>
<b>Why should you study it?</b>	<p>The travel and tourism sector is the UK's third-largest employer, accounting for 9.5% of total employment. It is one of the fastest growing sectors in the UK.</p> <p>There are endless opportunities that extend from the subject; a career in tourism can literally open up the world for you! As well as being a people-orientated industry, aspects of the skills developed will provide the opportunity to be creative and think on your feet, offering transferable skills across a range of industries.</p>
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