De La Salle School

## KS4 Course Booklet 2024-2026



This booklet contains details about the courses on offer for your child from September 2024.
The beginning sections contains the core subjects that everyone studies. Please read this booklet carefully and discuss as a family. Students should select their options using SIMS Options Online.

All forms must be returned by $13^{\text {th }}$ March 2024

If you require careers advice, please contact Mrs Scully (nicola.scully@careerconnect.org.uk) For information about subjects, please encourage your child to speak to their teacher(s) in the first instance.

## Core Subjects

## English Literature

English Language
Mathematics
Science
Religious Education

## English Literature

## GCSE

## COURSE INFORMATION

You will sit two examinations:
Paper One - Shakespeare and the Nineteenth Century Novel - Worth 40\% of the GCSE

Section A - Romeo and Juliet
Section B - The Sign of Four

## Paper Two - Modern Texts and Poetry -

 Worth 60\% of the GCSESection A - An Inspector Calls
Section B - Poetry Anthology
Section C - Unseen Poetry

## ASSESSMENT REQUIRMENTS

The exams will measure how students have achieved the following assessment objectives.

- AO1: Read, understand and respond to texts. Students should be able to maintain a critical style and develop an informed personal response and use textual references, including quotations, to support and illustrate interpretations.
- AO2: Analyse the language, form and structure used by a writer to create meanings and effects, using relevant subject terminology where appropriate.
- AO3: Show understanding of the relationships between texts and the contexts in which they were written.
- AO4: Use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling \& punctuation.


## BENEFITS OF STUDYING THIS COURSE

Studying this course will enable you to develop the following skills:

- literal and inferential comprehension
- critical reading
- evaluation of a writer's choice of vocabulary, grammatical and structural features
- comparing texts


## English Language

## GCSE

## COURSE INFORMATION

Studying this course will enable you to develop the following skills:

- the ability to read fluently, and with good understanding, a wide range of texts from the 19th, 20th and 21st centuries, including literature and literary non-fiction as well as other writing such as reviews and journalism
- read and evaluate texts critically and make comparisons between texts
- summarise and synthesise information or ideas from texts
- use grammar correctly and punctuate and spell accurately
- acquire and apply a wide vocabulary


## BENEFITS OF STUDYING THIS COURSE

The ability to read with understanding, write clearly and speak fluently are essential skills for life. Many sixth forms, colleges and apprenticeships also require students to have developed the skills that this course covers.

## ASSESSMENT REQUIRMENTS

You will sit two examinations:

## Paper 1 - Explorations in Creative

Reading and Writing - Worth 50\% of the GCSE
Section A - Reading one literature fiction text and answering 4 questions
Section B - Descriptive or narrative writing

## Paper 2 - Writers' Viewpoints and

 Perspectives - Worth $50 \%$ of the GCSE Section A - Reading one non-fiction text and one literary non-fiction and answering 4 questionsSection B - Writing to present a viewpoint
You will also be assessed on your speaking and listening skills but this does not contribute formally to your final grade.

## ADDITIONAL INFORMATION

We use the AQA syllabus.
Useful websites:
www.aqa.org.uk
www.bbcbitesize.com
Mr Bruff is a teacher with a YouTube channel and has a wealth of video resources to support all aspects of this course.

## Mathematics

## GCSE

## COURSE INFORMATION

Students will follow a bespoke KS4 9-1 GCSE course. This course aims to enable students to:

- develop fluent knowledge, skills and understanding of mathematical methods and concepts
- acquire, select and apply mathematical techniques to solve problems
- reason mathematically, make deductions and inferences, and draw conclusions
- comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context.


## ASSESSMENT REQUIRMENTS

The assessments will cover the following content headings: Number, algebra, ratio, proportion and rates of change, geometry and measures, probability and statistics.

Assessment criteria for each content headings are:

AO1 Use and apply standard techniques
AO2 Reason, interpret and communicate mathematically
AO3 Solve problems within mathematics and in other contexts

The qualification consists of three equallyweighted written examination papers at either Foundation tier (grades 1-5) or Higher tier (grades 4-9).

All three papers must be at the same tier of entry and must be completed in the same assessment series.

There are two calculator papers and one non- calculator paper. Each paper is 1 hour and 30 minutes.

## BENEFITS OF STUDYING THIS COURSE

Mathematics GCSE is a gateway qualification. It is a requirement for most further education courses, job and apprenticeships.
It is a core subject and all students are expected to study it to GCSE level

## ADDITIONAL INFORMATION

In recent years, higher education institutions and employers have consistently flagged the need for students to develop a range of transferable skills to enable them to respond with confidence to the demands of further study and the world of work.

The mathematics 9-1 GCSE ensures students are equipped with these skills as they develop reasoning and problem-solving skills.

## Combined Science

## GCSE (Trilogy)

## COURSE INFORMATION

All students across the country have to study a minimum of 2 GCSEs in science.

The specification is divided into topics, each covering different key concepts of biology, chemistry and physics.

All three sciences are studied, there isn't an option to drop one.

Topics studied include:

- Cell biology
- Infection and response
- Bioenergetics
- Organic chemistry
- Chemistry of the atmosphere
- Chemical changes
- Magnetism and electromagnetism
- Forces
- Waves


## BENEFITS OF STUDYING THIS COURSE

This course will allow you to further your studies at post-16, either through studying a science A-level or following a vocational course.

During your studies, you will develop understanding of the nature, processes and methods of science that will help you to answer scientific questions about the world.

## ASSESSMENT REQUIRMENTS

The qualification is worth two GCSEs.
There are two tiers of entry: Foundation (assesses grades 5-5 to 1-1) and Higher (assesses grades 9-9 to 4-4).

The qualification is assessed by examinations at the end of year 11. There is no coursework component. The examinations will assess the topics taught over the GCSE course as well as the scientific skills, mathematical skills and the required practical content.
There are six 1 hour and 10 minute examinations at the end of the course - two biology, two chemistry and two physics. Each examination contributes $16.7 \%$ to the overall qualification.

Two GCSE grades are awarded which can be identical or adjacent i.e. 5-6, 6-6 or a 6-7.

## ADDITIONAL INFORMATION

The course studied is AQA GCSE 9-1 in Combined Science (Trilogy)
For more detailed information, the full specification can be found at:
https://filestore.aqa.org.uk/resources/science/ specifications/AQA-8464-SP-2016.PDF

## Religious Education

## GCSE

## COURSE INFORMATION

All students are required to study Roman Catholic Christianity as the main religion with Judaism as the second religion.

## Area of Study 1 - Roman Catholic Christianity

Content overview:

- Beliefs and Teachings
- Practices
- Sources of Wisdom and Authority
- Forms of Expression and Ways of Life


## Area of Study 2 - Judaism

Content overview:

- Beliefs and Teachings
- Practices


## Area of Study 3 - Philosophy and Ethics Roman Catholic

Content overview:

- Arguments for the Existence of God
- Religious Teachings on Relationships and Families in the 21st century


## BENEFITS OF STUDYING THIS COURSE

At De La Salle, Religious Education is about the development of an open-ended, 'thinking' approach to the Catholic tradition, rooted in the core values of our Lasallian heritage. Religious Education aims to develop students' abilities in describing, explaining, analysing and evaluating whilst exploring the key principles of inclusion, faith and challenge. Religious Education also helps to enable students to develop respect for others and offers opportunities for personal reflection and spiritual development.

## ASSESSMENT REQUIRMENTS

Students follow the Edexcel specification A - Belief and Practice in the 21st Century GCSE

The Pearson Edexcel GCSE (9-1) in
Religious Studies A consists of three externally-examined papers:

## Paper 1: Area of Study 1 - Roman Catholic Christianity

Written examination: 1 hour and 45 minutes $50 \%$ of the qualification 102 marks

Paper 2: Area of Study 2 - Judaism
Written examination: 50 minutes
$25 \%$ of the qualification 51 marks
Paper 3: Area of Study 3 - Philosophy and Ethics Roman Catholic

Written examination: 50 minutes
$25 \%$ of the qualification 51 marks

## ADDITIONAL INFORMATION

Wider reading

- Sophie's World by Jostein Gaarder
- The Imam's Daughter by Hannah Shah
- The Curious Incident of the Dog in the Night by Mark Haddon
- The Help by Kathryn Stockett
- The Book Thief by Markus Zusak
- The Christmas Mystery by Jostein Gaarder
- My Sister's Keeper by Jodi Picoult
- The Unforgotten Coat by Frank Cottrell Boyce
- When Hitler Stole Pink Rabbit by Judith Kerr


## Choice 1

## Students choose one subject from:

## French*

## Spanish*

## Art

## Engineering <br> Health and Social Care Hospitality and Catering <br> PE Vocational

*In line with Department for Education recommendations, students in sets 1 and 2 for languages will be expected to take French or Spanish in this block. Parents of these students must opt out if they do not wish their child to take French or Spanish.

## French

## GCSE

## COURSE INFORMATION

The course aims to enable students to develop their French language skills to their full potential, equipping them with the knowledge to communicate in a variety of contexts with confidence. Students study all of the following themes on which the examinations are based.

Assessment is set in the context of these three themes.

Theme 1: People and lifestyle
Theme 2: Popular culture
Theme 3: Communication and the world around us

## BENEFITS OF STUDYING THIS COURSE

Key Skills Gained:

1. Develop understanding of the spoken and written language
2. Improve communication skills in many settings
3. Expand knowledge of countries and communities that use the language

## ASSESSMENT REQUIRMENTS

Students will take the following examinations in summer of Year 11:

Paper 1: Listening
Paper 2: Speaking
Paper 3: Reading
Paper 4: Writing
Students are entered for either Higher (grades 4-9) or Foundation Tier (grades 15). Students must take all four question papers at the same tier.

## ADDITIONAL INFORMATION

## Progression to Sixth Form:

AS and A2 courses are available in this subject for students who achieve a good grade at GCSE.

## Further Progression

People with language skills are well thought of in the modern world. They stand out as talented and successful people with broad and exciting horizons! Studying languages can help you to make the most of holidays, and enable you to gain employment with foreign links.

## Spanish

## GCSE

## COURSE INFORMATION

The course aims to enable students to develop their Spanish language skills to their full potential, equipping them with the knowledge to communicate in a variety of contexts with confidence. Students study all of the following themes on which the examinations are based.

Assessment is set in the context of these three themes.

Theme 1: People and lifestyle
Theme 2: Popular culture
Theme 3: Communication and the world around us

## BENEFITS OF STUDYING THIS COURSE

Key Skills Gained:

1. Develop understanding of the spoken and written language
2. Improve communication skills in many settings
3. Expand knowledge of countries and communities that use the language

## ASSESSMENT REQUIRMENTS

Students will take the following examinations in summer of Year 11:

Paper 1: Listening
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## Further Progression

People with language skills are well thought of in the modern world. They stand out as talented and successful people with broad and exciting horizons! Studying languages can help you to make the most of holidays, and enable you to gain employment with foreign links.

## Art \& Design

## GCSE

## COURSE INFORMATION

Year 10: Students will deepen their knowledge and understanding of techniques and processes in Fine Art, Mixed media, Textiles, Photography and 3-Dimensional Studies. This year helps students to consolidate learning, uncover their strengths and areas of interest and express their opinions and identity through art.

Year 11: Students will start to work more independently following their own creative journey in response to given themes and briefs. Developing ideas in a variety of ways are key features of this examination. The externally set assignment takes place in the second term of Year 11.

## ASSESSMENT REQUIRMENTS

Component 1: Portfolio = 60\% of the total mark

The portfolio consists of a mini and main project, which demonstrates student engagement and skill level through the four assessment objectives. The mini project is a selection of best work from Year 10 and the main project is a sustained area of investigation leading to a personal response. This project will be individually designed and led by the student.

## Component 2: Externally set assignment = 40\% of the total mark

Students respond to their chosen starting point from an externally set assignment paper relating to their subject title, evidencing coverage of all four assessment objectives. This unit is typically covered between January and April in Year 11.

## ADDITIONAL INFORMATION

## Possibilities in Art \& Design:

There is also the option in Year 10 to undertake an additional GCSE in Photography. This is an after-school class which takes place on a Monday. *Leave with 2 GCSEs in Art.

Art and Design is so broad that within this specification you could explore any type of art from painting/ printing/ 3D/ animation/ photography/ textiles and so on. Don't be put off if you think you can't draw, success can be found in many ways in art.

## Engineering Design

## OCR L1/L2 Certificate

## COURSE INFORMATION

## Qualification Purpose

Engineering design is a process used to identify market opportunities and solve problems which contribute to the development of new products and systems. This qualification is aimed at learners who wish to study the processes involved in designing new engineered products and the requirements of a design specification. Through research and practical activities, learners will understand how market requirements and opportunities inform client briefs and will use practical skills such as drawing, computer aided design and computer aided modelling and model making to communicate design ideas.
This qualification will enable you to learn about the process of engineering design, and understand how it can be used to design effective solutions for a given design brief. You will develop the ability to communicate your design ideas through the use of sketches and engineering drawings and Computer Aided Design. You will also be able to evaluate the design of a product, through the disassembly of existing products or the use of modelling for new designs.

## ASSESSMENT REQUIRMENTS <br> Component 1: R039 Principles of engineering design. <br> This is assessed by a set assignment. In this unit learners will learn how to use sketching and engineering drawings to communicate your ideas. Topics include, manual production of freehand sketches, manual production of engineering drawings and use of computer aided design (CAD). <br> Internal Assessment <br> Component 2: R040 Communicating design.

In this unit learners will learn how to create and test models of your own design. Topics include product evaluation and modelling design ideas.

## Internal Assessment

## Component 3: R038: Design evaluation and modelling.

In this unit leaners will learn about the design process, and all of the stages that are involved. Topics include, designing processes, designing requirements, communicating design outcomes and evaluating design ideas.

External Assessment

## BENEFITS OF STUDYING THIS COURSE

This course gives our students the opportunity to:

- Investigate areas of specific interest
- Develop essential technical skills and attributes required by employers
- Progress onto further education
- Gain a broad understanding and knowledge of the vocational and academic sector.



## Health and Social

## OCR Cambridge National Level 1/2

## COURSE INFORMATION

The Cambridge National in Health and Social Care will encourage students to:

- Understand and apply the fundamental principles and concepts of the rights of individuals, person centred values, effective communication and how to protect individuals in health and social care settings
- Develop learning and practical skills that can be applied to real-life contexts and work situations
- Think creatively, innovatively, analytically, logically and critically
- Develop independence and confidence in using skills that would be relevant to the health and social care sector and more widely


## BENEFITS OF STUDYING THIS COURSE

Health and Social Care not only allows students explore how individuals develop and adapt, but also develop knowledge and understanding of the sector and the application of care values. This allows our students to relate the theory and put it into context for real life scenarios.

## ASSESSMENT REQUIRMENTS

R032: Principles of care in health and social care settings

1. The rights of service users in health and social care settings
2. Person-centred values
3. Effective communication in health and social care settings
4. Protecting service users and service providers in health and social care settings

This unit is assessed by an exam.
R033: Supporting individuals through life events

1. Life stages
2. Impacts of life events
3. Sources of support.

This unit is assessed by a Set Assignment.
R034: Creative and therapeutic activities

1. Therapies and their benefits
2. Creative activities and their benefits
3. Plan a creative activity for individuals or groups in a health or social care setting
4. Deliver a creative activity and evaluate your own performance.

This unit is assessed by a Set Assignment.

## ADDITIONAL INFORMATION

 Career Pathways- Doctor/Nurse/Pharmacist/Midwife
- Healthcare Assistant/Care Assistant
- Occupational therapists
- Counsellors
- Administrators
- Criminology
- Social Work


## Hospitality and Catering

## WJEC Level 1/2 Vocational Award

## COURSE INFORMATION

The Level 1/2 Vocational Award in Hospitality and Catering has been designed to support learners in schools and colleges who want to learn about this vocational sector and the potential it can offer them for their careers or further study.

It is most suitable as a foundation for further study. This further study would provide learners with the opportunity to develop a range of specialist and general skills that would support their progression to employment.
Employment in hospitality and catering can range from waiting staff, receptionists and catering assistants to chefs, hotel and bar managers and food technologists in food manufacturing. All of these roles require further education and training either through apprenticeships or further and higher education.

## BENEFITS OF STUDYING THIS COURSE

This course is perfect for students who:

- want to learn more about this industry
- like working with other people
- are good at planning and organisation
- enjoy planning and preparing food for other people
- are creative


## ASSESSMENT REQUIRMENTS

## Unit 1: The Hospitality and Catering Industry

The applied purpose of the unit is for learners to use their knowledge and understanding of the hospitality and catering industry in order to propose new hospitality and catering provision to meet specific needs.

Externally assessed.

Unit 2: Hospitality and Catering in Action
The applied purpose of the unit is for learners to safely plan, prepare, cook and present nutritional dishes
Internally assessed.

## ADDITIONAL INFORMATION

Hospitality and catering applies to almost every sector of society. This ranges from local bars and restaurants to the food and beverage service on airlines. This also teaches our students about health and safety requirements within both the private and commercial sector.

## Physical Education

## Vocational

## COURSE INFORMATION

The Physical Education Vocational course will be OCR Cambridge National Sports Studies or a similar equivalent.

Students opting for PE should have:

1. An excellent track record of bringing full PE kit for lessons to allow access to the full specification. Please note, this is not an appropriate course for students with a poor track record of bringing PE kit to lessons.
2. Students should be playing sport outside of school to a relatively competitive standard (according to sports on the approved activity list in at least 1 sport).

## BENEFITS OF STUDYING THIS COURSE

Vocational PE offers students the solid foundation required for further study or progression into industry. Students will develop a wide range of highly desirable, transferable skills such as communication, problem-solving, team working and performing under pressure.
Students will develop their own performance and how to effectively lead others as well as gain knowledge about the national sports context.

## ASSESSMENT REQUIRMENTS

Vocational course assessment usually involves:

Written exam paper in year 11.

## Written coursework

Practical activities- it would be advantageous for students to play at least one sport to a GOOD LEVEL competitively.

## Team activities:

Association football, badminton, basketball, cricket, dance, Gaelic football, handball, hockey, lacrosse, netball, rowing, rugby league or rugby union, squash, table tennis, tennis, volleyball.

## Individual activities:

Amateur boxing, athletics field events, athletics track events, canoeing, track cycling, road cycling, diving, golf, gymnastics, equestrian, kayaking, rock climbing, sculling, skiing, snowboarding, swimming, trampolining

## ADDITIONAL INFORMATION

Sport is a high-profile and expanding industry and there is a growing need for qualified professionals and capable volunteers. There is a wide range of job roles to progress into such as Activity Leader, Sports Coach, Fitness Instructor and Leisure Assistant.

## Choice 2

## Students choose one subject from:

## Geography History

A very small number of students will be invited to follow the ASDAN life skills or Travel and Tourism courses in this option block

## Geography

## GCSE

## COURSE INFORMATION

Students will understand how geography impacts everyday life and discover the key opportunities and challenges facing the world.
Students will also develop academic and life skills from writing, fieldwork and communication to analytical skills.

In year 10 students will studying the Physical Geography units about processes and landforms which will then enable them to connect to the Human Geography units in year 11.

Concepts studied in year 10 include:

- the Living World: Amazonia
- The Western Desert and the Sahel
- Geographical Hazards: Earthquakes, Tropical Storms and Climate Change
- UK Physical Landforms: Rivers and glaciated areas.

Concepts studied in year 11 include

- Challenges of Human Environments: the changing geography of Liverpool and Nigeria
- Economic Geography and the challenges of resource management: energy


## ASSESSMENT REQUIRMENTS

Students will be assessed by taking three examination papers:
Paper 1 = Living with the physical environment.
Exam time: 1 hour 30 minutes
Total worth: 35\% of GCSE grade

## Paper 2 = Challenges in the human environment.

Exam time: 1 hour 30 minutes
Total worth: $35 \%$ of GCSE grade
Paper 3 = Geographical applications.
Exam time: 1 hour 15 minutes
Total worth: 30\% of GCSE grade

## Exam board: AQA

Fieldwork is integral to geography. All students will go to the Lake District to study rivers and Liverpool to study the impacts of regeneration. Students will also have the opportunity to take part in an overseas visit. This trip will be launched in year 9 to accommodate the payment window.

## BENEFITS OF STUDYING THIS COURSE

Studying geography gives students the opportunity to travel the world via the classroom, learning about both natural and social sciences along the way. They will:

- Develop skills of selecting, collating and analysing information
- Develop understanding of the world in which we live, and the interrelationships between the natural environment and human actions
- Enhance their natural curiosity for the world around them


## ADDITIONAL INFORMATION

Geography opens up a range of choices for your future work and career, whether your future career lies in the environmental sector, business, education, the natural or social sciences, the media, in geospatial industries or in travel. None of the changes and challenges facing the UK and the world in the 21st century, including climate change, can be properly understood without geography.

## History

## GCSE

## COURSE INFORMATION

Through a variety of media including ICT, film, photographs, cartoons, novels and other forms of information students will begin to explore their history studies.

In year 10 students will learn about American history between 1920 and 1973 including the roaring 20s, America during WW2, the Cold War and the Civil Rights Movement.

A separate investigation will be undertaken into America's involvement in the Korean and Vietnam wars.

Going into year 11, study will comprise of indepth investigations into medicine (AD 1000 to the present) and finally a study of Elizabethan England which also involves a case study of an important Elizabethan building (e.g. a particular castle or theatre).

## BENEFITS OF STUDYING THIS COURSE

- Develop skills of selecting, collating and analysing information
- Improve understanding of the key developments in the 20th Century
- Equip students with the thinking skills to ensure the world doesn't make the same mistakes twice; through developing an understanding of different cultures


## ASSESSMENT REQUIRMENTS

Students will be assessed by taking two examination papers:
Paper 1 = America 1920-1973. Conflict and tension in Asia 1950-75.

Exam time: 2 hours
Total worth: 50\% of GCSE grade

## Paper 2 = Britain: Health and the People (1000-present day)

Elizabethan England 1568-1603
Exam time: 2 hours
Total worth: 50\% of GCSE grade

Exam board: AQA

## ADDITIONAL INFORMATION

History can form the basis of a career in many fields such as journalism, politics, teaching, law, business management and many more. It will give you the opportunity to understand the world on a deeper level, debate, analyse and think critically. In addition, it forms part of the EBacc qualification which is being recognised as an increasingly important criteria when applying for entry into some universities.

## Choice 3

## Students choose one subject from:

## Art

## Computing <br> Drama <br> History <br> ICT

Music BTEC
PE*

## Spanish

## Science (triple) by invitation**

*When opting for PE, students will be allocated to the course (GCSE or vocational) that the school feels suits their academic profile for achievement in year 11. As such, by opting for PE, students understand that the course will be decided by the PE department and should be happy to study either course.
**If you cannot see Science (triple) on Options Online but your child would like to study it, please contact the school so that the science department can consider your child's suitability for the course.

## Art \& Design

## GCSE

## COURSE INFORMATION

Year 10: Students will deepen their knowledge and understanding of techniques and processes in Fine Art, Mixed media, Textiles, Photography and 3- Dimensional Studies. This year helps students to consolidate learning, uncover their strengths and areas of interest and express their opinions and identity through art.

Year 11: Students will start to work more independently following their own creative journey in response to given themes and briefs. Developing ideas in a variety of ways are key features of this examination. The externally set assignment takes place in the second term of Year 11.

## ASSESSMENT REQUIRMENTS

## Component 1: Portfolio = 60\% of the total mark

The portfolio consists of a mini and main project, which demonstrates student engagement and skill level through the four assessment objectives. The mini project is a selection of best work from Year 10 and the main project is a sustained area of investigation leading to a personal response. This project will be individually designed and led by the student.

## Component 2: Externally set assignment $=40 \%$ of the total mark

Students respond to their chosen starting point from an externally set assignment paper relating to their subject title, evidencing coverage of all four assessment objectives. This unit is typically covered between January and April in Year 11.

## BENEFITS OF STUDYING THIS COURSE

Visual learning is a very different experience providing students with a unique way of seeing the world around them. It provides students with opportunities to explore their own creativity, how to look and analyse what they see and how to present a personal and unique response to their surroundings. It equips learners with the necessary skills to contribute to the fastest growing economy in the UK - the creative industries.

## Computer Science

## GCSE

## COURSE INFORMATION

OCR GCSE (9-1) Computer Science builds on the pioneering qualification development in this field. Relevant to the modern, changing world of computing, it's designed to boost computing skills essential for the 21st century. We've talked to companies like Microsoft, Google and Cisco, organisations like BCS (The Chartered Institute in IT) and Computing at School (CAS), plus teachers and academics to develop this contemporary qualification.
The specification focuses on:

- Computational thinking as its core, helping students to develop the skills to solve problems, design systems and understand human and machine intelligence
- Applying the academic principles they learn in the classroom to real-world systems in an exciting and engaging way
- Giving students a clear progression into higher education, as the course was designed after consultation with members of BCS, CAS and top universities.


## BENEFITS OF STUDYING THIS COURSE

## Progress to:

A/AS Level Computer Science; Cambridge
Technicals in Digital Media; Cambridge Technicals in IT or Level 2/L3 Apprenticeship.

## ASSESSMENT REQUIRMENTS

GCSE (9-1) Computer Science is assessed through two written examinations. Each exam is worth $\mathbf{5 0 \%}$.
Students will also undertake a programming project in their final year which supports the development of understanding across the whole specification.
Learning is delivered through a creative blend of practical and theoretical lessons.
Students are given the opportunity to develop practical programming skills, and also develop vital understanding across a range of relevant computer science topics.
The written examinations are undertaken in the final year of the course. GCSE (9-1)
Computer Science offers resit opportunities.

## ADDITIONAL INFORMATION

## Ideal for:

- Level 2 students
- Students who are new to computing topics
- Students who want to experience computer science at an 'intermediate' level
- Students who are thinking of a computing career.


## GCSE

## COURSE INFORMATION

Students will create their own devised performance based on a chosen stimulus from the exam board stimulus paper. In addition to the performance, students will be marked on an accompanying portfolio with evidence of the process and decisions made whilst creating and developing their performance.

Students will take part in a showcase, demonstrating their chosen skills in a live performance. Students will perform in two performances from one text. Students will be required to produce an accompanying document which outlines their intentions for and approach to the performance showcase.
For Section A, students study one performance text in detail from a set list given by the exam board. This section of the paper will contain questions which require short and medium length answers. It assesses students' knowledge and understanding of how drama is developed and performed.

In Section B, students will be required to analyse and evaluate a live theatre performance they have seen using accurate subject-specific terminology.

## BENEFITS OF STUDYING THIS COURSE

Working in drama develops everyone to gain a deeper understanding of themselves and the world around them. Drama allows young people to communicate with and understand others in new ways. Drama is an important tool for preparing everyone to live and work in a world that is increasingly team-orientated rather than hierarchical. Drama helps students develop tolerance and empathy.

## ASSESSMENT REQUIRMENTS

## Devising Drama

$30 \%$ of Overall GCSE
Presenting and Performing Texts
$30 \%$ of Overall GCSE
Perform TWO scenes from a well-known play.

Drama: Performance and Response: Written Exam Paper
40\% of overall GCSE
Section A: Study Blood Brothers. Answer questions on characters from the play, demonstrate your knowledge of the play. Section B: Analyse and evaluate a live theatre performance.

## ADDITIONAL INFORMATION

This is a highly practical subject therefore for assessments drama blacks are required (black trousers, black t-shirt and black pumps).
Students should attend theatre performances, watch films and read as many plays as they can. Students should be prepared to rehearse after school in preparation for assessment.

## History

## GCSE

## COURSE INFORMATION

Through a variety of media including ICT, film, photographs, cartoons, novels and other forms of information students will begin to explore their history studies.

In year 10 students will learn about American History between 1920 and 1973 including the roaring 20s, America during WW2, the Cold War and the Civil Rights Movement.

A separate investigation will be undertaken into America's involvement in the Korean and Vietnam wars.

Going into year 11, study will comprise of indepth investigations into medicine (AD 1000 to the present) and finally a study of Elizabethan England which also involves a case study of an important Elizabethan building (e.g. a particular castle or theatre).

## BENEFITS OF STUDYING THIS COURSE

- Develop skills of selecting, collating and analysing information
- Improve understanding of the key developments in the 20th Century
- Equip students with the thinking skills to ensure the world doesn't make the same mistakes twice; through developing an understanding of different cultures


## ASSESSMENT REQUIRMENTS

Students will be assessed by taking two examination papers:
Paper 1 = America 1920-1973. Conflict and tension in Asia 1950-75.

Exam time: 2 hours
Total worth: 50\% of GCSE grade

Paper 2 = Britain: Health and the People (1000-present day)

Elizabethan England 1568-1603
Exam time: 2 hours
Total worth: 50\% of GCSE grade

Exam board: AQA

## ADDITIONAL INFORMATION

History can form the basis of a career in many fields such as journalism, politics, teaching, law, business management and many more. It will give you the opportunity to understand the world on a deeper level, debate, analyse and think critically. In addition, it forms part of the EBacc qualification which is being recognised as an increasingly important criteria when applying for entry into some universities.

## OCR Cambridge National

## COURSE INFORMATION

Cambridge National in IT will inspire and equip students with the confidence to use skills that are relevant to the IT sector and more widely. It covers the use of IT in the digital world, Internet of Everything, data manipulation, humancomputer interface $(\mathrm{HCl})$ and augmented reality.

This qualification will develop applied knowledge and practical skills in the creative use of information technologies. It is broken down into four main delivery themes:

- Project initiation, planning and review
- Collecting, manipulating/processing and storing data
- Creatively developing meaningful information for customer distribution
- Awareness of the importance of legal, moral, ethical and security factors


## BENEFITS OF STUDYING THIS COURSE

PROGRESS TO: Level 3 vocational qualifications, such as the Cambridge Technical or A Level.

The skills, knowledge and understanding they will develop through this qualification are very relevant to both work and further study. They will support them in a range of subject areas such as A Levels in Business or Geography, or Cambridge Technicals in IT. They can also support their progression into employment through Apprenticeships in areas such as Digital Marketer or Business Administrator.

## ASSESSMENT REQUIRMENTS

This qualification is 120 Guided Learning Hours, and is equivalent to a GCSE in both size and rigour.

There are two centre-assessed units offering practical-based assessment opportunities, which contain underpinning knowledge and understanding.

Assessment Unit R050 is assessed by an exam and marked by OCR (1 hour 30 mins)

Assessment Unit RO60 is a coursework unit covering data manipulation using spreadsheets. This will be centre marked and a sample sent to moderation.
Assessment Unit RO70 is a coursework unit covering augmented reality. This will be centre marked and a sample sent to moderation.

## ADDITIONAL INFORMATION

All results are awarded on the following scale: Level 2 - Distinction* (*2), Distinction (D2), Merit (M2), Pass (P2)

Level 1 - Distinction (D1), Merit (M1), Pass (P1) and Unclassified.
Students have the opportunity both to resit the external and internal assessment.

For more information please visit: http://ocr.org.uk/Images/371960specification.pdf

## Music

## BTEC

## COURSE INFORMATION

## Component 1 ( 36 GLH at 30\%): Exploring Music Products and Styles - Internal

Learners will explore the techniques used in the creation of different musical products and investigate the key features of different musical styles.

## Component 2 (36 GLH at 30\%): Music Skills Development - Internal

Learners will have the opportunity to develop two musical disciplines through engagement in practical tasks, while documenting their progress and planning for further improvement.

Component 3 (42GLH at 40\%): Responding to a Music Brief - External

Learners will be given the opportunity to develop and present music in response to a given music brief.

## BENEFITS OF STUDYING THIS COURSE

Once you have completed the qualification, you will have developed valuable knowledge, practical skills and a wider understanding of the music industry. This qualification will allow you to develop your knowledge and skills through practical and creative application in a vocational context, and by responding creatively to a commercial brief. Since you will be developing skills across a number of disciplines - such as music creation, production and performance - you will have a better understanding of whether the music industry is for you and, if so, which part of it you might want to study further.

## ASSESSMENT REQUIRMENTS

## Component 1

A: Demonstrate an understanding of styles of music

B: Apply understanding of the use of techniques to create music.

## Component 2

A Demonstrate professional and commercial skills for the music industry

B Apply development processes for music skills and techniques

## Component 3

AO1 Understand how to respond to a music brief

AO2 Select and apply musical skills in response to a music brief

AO3 Present a final musical product in response to a music brief

AO4 Comment on the creative process and outcome in response to a music brief

## ADDITIONAL INFORMATION

This subject requires learners to be competent at their chosen instruments, which requires that learners have a dedicated practise routine and attend their instrument / vocal lessons.

Students should attend live music performances, watch music documentaries and listen to a wide range of music.

Students should be prepared to rehearse during lunch times and / or after school in preparation for assessment.

## Physical Education

## GCSE

## COURSE INFORMATION

OCR GCSE PE. 70\% Theory. 30\% Practical.
Component 1:
Physical factors affecting performance: Written examination 1.

Component 2:
Socio-cultural issues and sports psychology: Written examination 2.

## Component 3:

Practical Performance- 3 sports performed practically to be moderated- 2 team and 1 individual or 2 individual and 1 team sport.

## Component 4:

Analysis of Performance. Written coursework 14 hours.

## BENEFITS OF STUDYING THIS COURSE

Given the skills you will develop through PE at GCSE, employers of all kinds will be interested in you. Due to the current concerns about health and fitness of society, more jobs are likely to be created in the health and leisure industry. Other occupations that may be pursued are PE teaching, coaching, sports analysis, physiotherapy, sports medicine and media related jobs.

The average salary of a PE teacher starts at £33,916

The average salary of a physiotherapist starts at £33,313

The average salary of a sports journalist starts at $£ 29,221$

## ASSESSMENT REQUIRMENTS

60\% 2 Written exam papers.
10\% - Written coursework
$30 \%$ Practical activities. 3 activities from the list below - all must be performed COMPETITIVELY

## Team activities:

Association football, badminton, basketball, cricket, dance, Gaelic football, handball, hockey, lacrosse, netball, rowing, rugby league or rugby union, squash, table tennis, tennis, volleyball.

## Individual activities:

Amateur boxing, athletics field events, athletics track events, canoeing, track cycling, road cycling, diving, golf, gymnastics, equestrian, kayaking, rock climbing, sculling, skiing, snowboarding, swimming, trampolining

## ADDITIONAL INFORMATION

Have a genuine interest in physical education and prove this through regular participation in a variety of activities at KS3 as well as playing 1 sport to a GOOD level outside of school.

You must offer a high standard of ability in 3 activities from the new activity list.
The majority of the physical education course will be spent on theory work.

The course is heavily orientated towards scientific content therefore an interest in science and biology would be advantageous.

The quality of written communication needed to be a successful GCSE PE candidate also requires a strong level of written English language.

## Physical Education

## Vocational

## COURSE INFORMATION

The Physical Education Vocational course will be OCR Cambridge National Sports Studies or a similar equivalent.

Students opting for PE should have:
3. An excellent track record of bringing full PE kit for lessons to allow access to the full specification. Please note, this is not an appropriate course for students with a poor track record of bringing PE kit to lessons.
4. Students should be playing sport outside of school to a relatively competitive standard (according to sports on the approved activity list in at least 1 sport).

## BENEFITS OF STUDYING THIS COURSE

Vocational PE offers students the solid foundation required for further study or progression into industry. Students will develop a wide range of highly desirable, transferable skills such as communication, problem-solving, team working and performing under pressure.
Students will develop their own performance and how to effectively lead others as well as gain knowledge about the national sports context.

## ASSESSMENT REQUIRMENTS

Vocational course assessment usually involves:

Written exam paper in year 11.

## Written coursework

Practical activities- it would be advantageous for students to play at least one sport to a GOOD LEVEL competitively.

## Team activities:

Association football, badminton, basketball, cricket, dance, Gaelic football, handball, hockey, lacrosse, netball, rowing, rugby league or rugby union, squash, table tennis, tennis, volleyball.

## Individual activities:

Amateur boxing, athletics field events, athletics track events, canoeing, track cycling, road cycling, diving, golf, gymnastics, equestrian, kayaking, rock climbing, sculling, skiing, snowboarding, swimming, trampolining

## ADDITIONAL INFORMATION

Sport is a high-profile and expanding industry and there is a growing need for qualified professionals and capable volunteers. There is a wide range of job roles to progress into such as Activity Leader, Sports Coach, Fitness Instructor and Leisure Assistant.

## Spanish

## GCSE

## COURSE INFORMATION

The course aims to enable students to develop their Spanish language skills to their full potential, equipping them with the knowledge to communicate in a variety of contexts with confidence. Students study all of the following themes on which the examinations are based.

Assessment is set in the context of these three themes.

Theme 1: People and lifestyle
Theme 2: Popular culture
Theme 3: Communication and the world around us

## BENEFITS OF STUDYING THIS COURSE

Key Skills Gained:

1. Develop understanding of the spoken and written language
2. Improve communication skills in many settings
3. Expand knowledge of countries and communities that use the language

## ASSESSMENT REQUIRMENTS

Students will take the following examinations in summer of Year 11:

Paper 1: Listening
Paper 2: Speaking
Paper 3: Reading
Paper 4: Writing
Students are entered for either Higher (grades 4-9) or Foundation Tier (grades 15). Students must take all four question papers at the same tier.

## ADDITIONAL INFORMATION

## Progression to Sixth Form:

AS and A2 courses are available in this subject for students who achieve a good grade at GCSE.

## Further Progression

People with language skills are well thought of in the modern world. They stand out as talented and successful people with broad and exciting horizons! Studying languages can help you to make the most of holidays, and enable you to gain employment with foreign links.

## Science (Triple)

## GCSE

3 x GCSE, uses 1 option

## COURSE INFORMATION

Students will study the three separate sciences (Biology, Chemistry and Physics) and will be awarded a GCSE grade in each one.

The GCSEs will be taught by three specialist teachers.

Some of the topics studied include:

- Infection and response (Biology)
- Bioenergetics (Biology)
- Organic chemistry (Chemistry)
- Chemistry of the atmosphere (Chemistry)
- Magnetism and electromagnetism (Physics)
- Space physics (Physics)

Studying triple science will use one option.
Triple science will be available to invited students. The science department will consider additional students by request.

## BENEFITS OF STUDYING THIS COURSE

This course will allow you to further your studies at post-16, studying one or more of the science A-levels.

The course builds on the topics taught in the Combined Science GCSE and the additional topics taught bridge the gap between GCSE and A-level.

## ASSESSMENT REQUIRMENTS

There are two tiers of entry: Foundation (assesses grades 5 to 1) and Higher (assesses grades 9 to 4).

The qualification is assessed by examinations at the end of year 11. There is no coursework component.

There are two 1 hour and 45 minute examinations at the end of the course in each of the three sciences. Each examination contributes $50 \%$ to the overall qualification.

The examinations will assess the topics taught over the GCSE course as well as the scientific skills, mathematical skills and the required practical content.

Three separate GCSE grades are awarded.

## ADDITIONAL INFORMATION

The full specifications can be found at:
Biology -
https://filestore.aqa.org.uk/resources/biology/ specifications/AQA-8461-SP-2016.PDF

Chemistry -
https://filestore.aqa.org.uk/resources/chemistr y/specifications/AQA-8462-SP-2016.PDF
Physics -
https://filestore.aqa.org.uk/resources/physics/ specifications/AQA-8463-SP-2016.PDF

