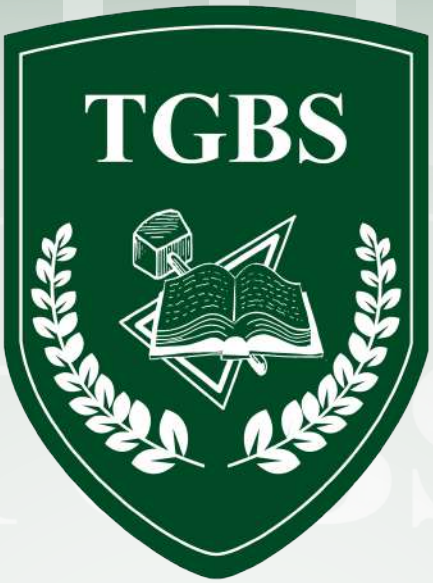

Turves Green
Boys' School

YEAR 9 OPTIONS

CONTENTS

GCSE English Language

AQA

Course Code: 8700
Exam/Controlled Assessment: 100% Exam

Description:

The skills of reading, writing and speaking and listening are of vital importance in many areas, both in the daily world and the world of imagination. These skills are essential in many careers and they underpin successful study at all levels. Pupils will be assessed across two examination papers, each with a reading and writing component. The assessment of writing skills will account for 50% of the overall GCSE and will focus on both fiction and non-fiction based writing styles. Pupils shall enhance their creative imaginations as they craft works of narrative and descriptive writing.

Further to this, pupils will explore their own views and opinions through the construction of non-fiction writing, such as writing to persuade and argue, in various formats such as letters, articles and speeches. The assessment of reading skills will also account for 50% of the overall GCSE. Pupils will develop their analytical skills through the course as they investigate language, structure and form; they will be provided with a range of stimuli in order to develop their understanding of language approaches, including explicit and implicit reading interpretations.

Speaking and Listening is a non-exam assessment and, as such, it will be assessed in school but does not contribute to the overall qualification grade. For this component, pupils will be expected to speak using Standard English and conduct a presentation, which is to be followed by a response to appropriately related questions.

Pupils must be able to demonstrate their ability to:

- Read and understand texts, selecting material that is appropriate to its purpose including cross referencing and comparison.
- Develop personal interpretations and perspectives of writers' intentions and craft (making links where necessary to the context of a text).
- Explain and evaluate how writers create different effects using linguistic and figurative devices.
- Write clearly, effectively and imaginatively for a variety of forms and purposes, employing vocabulary that is appropriate to the purpose, task and audience whilst engaging the reader.
- Organise ideas and information through informed and accurate structural choices such as sentences, paragraphs and punctuation.
- Use language to craft deliberate effects and convey precise meanings, ensuring accuracy of spelling and grammar.

Assessment

- Pupils will complete two examinations: one focused on fiction reading and writing, the other focused on non-fiction reading and writing.
- Each exam is 1 hour 45 minutes long.
- Speaking and listening will be assessed but this will not contribute towards the overall grade.
- Speaking and listening is awarded on a Pass, Merit, and Distinction basis.
- This course is not tiered and pupils will be graded on a nine-point scale: 1 to 9 – where 9 is the highest grade.

Careers

Any job that requires you to effectively communicate through using reading, writing or verbal skills; such as teaching, journalism, publishing, speech therapy, public relations, marketing and many more!

GCSE English Literature

Course Code: 8702 **Contact:** Mrs C Dhin
Exam/Controlled Assessment: 100% Exam

AQA

Description:

This course is based on the conviction that the study of English Literature should centre on informed personal responses to a range of texts in the genres of prose, poetry and drama. Texts studied will help pupils develop an appreciation of the breadth and power of English literary heritage whilst shaping personal viewpoints and skills in reading, writing and critical thinking.

The course will also allow pupils to understand how the social, historical and cultural contexts of literary works are significant when informing a critical evaluation. There are many skills that are enhanced by combining this study with English Language, such as reading and writing skills, plus an increased critical approach to language use in fiction texts.

The course aims to enable pupils to connect ideas, themes and issues that stem from real world situations and experiences.

Texts we have chosen to study are: A Christmas Carol by Charles Dickens, Macbeth by William Shakespeare, An Inspector Calls by J. B. Priestley, an anthology of poetry and unseen poetry

Pupils will learn to have:

- A close knowledge and understanding of prose, poetry and drama texts and their contexts.
- An understanding and appreciation of writers' uses of the following: characterisation, theme, plot and setting.
- An understanding of writers' use of language, structure and form to create literary effects.
- A focused and evaluative personal engagement with the literary texts that is both informed and critical.
- An accurate and coherent use of grammar and punctuation.

Assessment

- Pupils will complete two examinations, both of which will be closed text exams (this means candidates cannot take the texts in with them).
- Across the two papers, candidates will be assessed on: a Shakespearean drama text; a 19th Century prose (novel); a modern text in the form of a drama; a collection of poetry from a selected anthology; a comparison of unseen poetry.

Paper one is 1 hour 45 minutes;
Paper two is 2 hours 15 minutes.

- These units are not tiered and pupils will be graded on a nine-point scale: 1 to 9 – where 9 is the highest grade.

Careers

Any job that requires you to effectively communicate through using reading, writing or verbal skills, such as anything in the field of the arts, education, law, publishing, and many more!

GCSE Mathematics

Course Code: 1MA1 **Contact:** Mrs E Hussain
Exam/Controlled Assessment: 100% Exam

Edexcel/ Pearson

Description:

This linear GCSE course develops knowledge, skills and understanding of mathematical methods and concepts including: Number, Algebra, Ratio, Geometry, Measures, Statistics and Probability. Pupils use their knowledge and understanding to make connections between concepts, and apply functional elements of mathematics in everyday and real-life situations.
This course gives pupils the opportunity to develop their abilities to acquire and use problem solving strategies, reason mathematically and interpret and communicate mathematical information in a variety of forms.

Assessment

Pupils will be assessed by three written papers each contributing 33.3% to the final grade. Examinations are 1 hour 30 minutes long for both Higher and Foundation, and assess topic areas with the following weightings.

Topic	Foundation	Higher
Number	25	15
Algebra	20	30
Ratio	25	20
Geometry	15	20
Probability and Statistics	15	15

Paper one is non-calculator. A scientific calculator is required for papers two and three.

Careers

Mathematics is essential for any job as it develops general numeracy skills as well as an ability to solve problems and confidently handle data. A GCSE in Mathematics is a basic requirement for most jobs and training courses, including the potential to study at A Level and degree standard. Key careers for Mathematics would include accountancy, research and any type of engineering.

GCSE Combined Science Biology

Course Code: 8464 **Contact:** Mr K Brabbin
Exam/Controlled Assessment: 100% Exam

AQA

Description:

All students must study Combined Science unless they take the option for Triple Science (see later in the booklet).
Combined Science is worth two GCSEs and throughout the course you will study aspects of Biology, Chemistry and Physics. Details of these components cover the next three pages of this prospectus.

Pupils are expected to develop a wide knowledge of science whilst;

- Learning about how Science and its applications are important.
- Producing ideas to test and evaluate and understanding how scientists develop modern ideas.
- Developing skills in communication, mathematics and the use of technology in scientific contexts.

The Biology component covers a wide array of content including cell biology, organisation, infection and response, bioenergetics, homeostasis and response, inheritance, variation and evolution and ecology.

Studying Biology is essential for understanding what we are made of and how we fit into the natural world. The course covers aspects of human health, such as infectious diseases and our genetics, biochemistry explaining how cells function and ecology looking at sustainability and human impact on planet Earth.

Assessment

In Combined Science (Trilogy) there are six exams that pupils complete – two for each branch of Science.

Each paper is worth 70 marks and is 1hr 15minutes long. Each exam consists of a selection of multiple choice, short answer and long answer responses.

The total mark from the six papers determines the two GCSE grades awarded for Combined Science.

Paper 1 Biology: Cell Biology, Organisation, Infection and Response and Bioenergetics.

Paper 2 Biology: Homeostasis, Inheritance, Genetics and Evolution and Ecology.

Careers

Combined Science allows for post-16 A Level study in a range of areas, providing that the grade requirements are met, which will set you up to study Science courses at university. For example, you could go into: veterinary Sciences, drug development, research and development, pharmacy, microbiology, zoology, agriculture. Science also opens door to banking, economics, statistics, business and teaching.

GCSE Combined Science Chemistry

Course Code: 8464 **Contact:** Mr K Brabbin
Exam/Controlled Assessment: 100% Exam

AQA

Description:

Following on from the previous page, Combined Science Chemistry makes up one third of the content of the Combined Science GCSE. Chemistry helps explain the behaviour of the world around us, from why does ice float through to the shiny alloy wheels on our cars. Becoming literate in the chemical sciences, enables us to engage with every day conversations around climate change and recycling from a knowledgeable and informed perspective.

The students are going to be part of a changing world, from a dependent on fossil fuels to one which has to be inventive to use natural resources in a sustainable way. Whilst no course can address all current issues in the world of Science, the GCSE Combined Science Chemistry course allows pupils to develop the required skills to engage with further study in the chemical sciences.

Assessment

In Combined Science there are six exams that pupils complete – two for each branch of science. Each paper is worth 70 marks and is 1hr 15minutes long.

Each exam consists of a selection of multiple choice, short answer and long answer responses. The total mark from the six papers determines the two GCSE grades awarded for Combined Science.

Paper 1 Chemistry: Atomic Structure and the Periodic Table, Bonding, Structure and the Properties of Matter, Quantitative Chemistry, Chemical Changes, and Energy Changes.

Paper 2 Chemistry: Rate and Extent of Chemical Changes, Organic Chemistry, Chemical Analysis; Chemistry of the Atmosphere and Using Resources.

Careers

Combined Science allows for post-16 A Level study in a range of areas, providing that the pre-requisite requirements are met which will set you up to study science courses at university. Following GCSE Combined Science can lead to a wide variety of careers. Careers are available in food chemistry, biochemistry, medicine, healthcare and pharmaceutical science, research and development. However, Science can also open doors to careers such as teaching, banking, business and finance.

GCSE Combined Science Physics

Course Code: 8464 **Contact:** Mr K Brabbin
Exam/Controlled Assessment: 100% Exam

AQA

Description:

Following on from the previous page, Combined Science Physics makes up one third of the content of the Combined Science GCSE. The goal of Physics is to understand how things work from first principles.

Physicists look for all the hidden laws that explain why all matter (that is: every physical thing) and energy in the known universe exists, where it comes from and how it behaves the way it does. So, if you're wondering how forces of nature, like gravity work or how aircraft stay up in the air, you will need to go to a physicist like Brian Cox, Jocelyn Bell Burnell or your Physics teacher for an explanation.

In Combined Science Physics, you will cover many areas of Physics including;

- Forces
- Energy
- Waves
- Electricity
- Magnetism
- Electromagnetism & Particle Model of Matter
- Atomic structure.

Assessment

In Combined Science there are six exams that pupils complete – two for each branch of Science. Each paper is worth 70 marks and is 1hr 15minutes long. Each exam consists of a selection of multiple choice, short answer and long answer responses.
The total mark from the six papers determines the two GCSE grades awarded for Combined Science.

Paper 1 Physics: Energy, Electricity, Particle Model of Matter, and Atomic Structure

Paper 2 Physics: Forces, Waves and Magnetism and Electromagnetism

Careers

Combined Science allows for post-16 A Level study in a range of areas, providing that the pre-requisite requirements are met which will set you up to study Science courses at university. Physics is important in a range of careers including several branches of engineering, telecommunications, game design, renewable energy engineering, architecture, aeronautics, teaching, and optometry.

GCSE Triple Science

Course Code: Biology - 8461, Chemistry - 8462, Physics - 8463
Contact: Mr K Brabbin
Exam/Controlled Assessment: 100% Exam

AQA

Description:

Whilst all students must study Combined Science at GCSE, if you are passionate about science and potentially already considering studying science at A Level or beyond, you may choose to take 'Triple Science' where you study all three branches of science as separate GCSE subjects. By selecting this option, you will study additional content in Biology, Chemistry and Physics which will further prepare you for studying individual sciences at an advanced level.

In Biology, additional content will include plating micro-organisms, negative feedback loops, the eye, the brain, and further ecology.

In Chemistry, additional content will include nanotechnology, more challenging maths in chemistry, fuel cells and batteries, detailed organic chemistry, and ion testing.

In Physics, additional content will include lenses, static electricity, nuclear fission and fusion, transformers, and space physics.

The Triple Science option is more rigorous and challenging than the Combined Science course and we reserve the right to make recommendations about options based on performance in KS3 Science, Maths and English.

Assessment

Similar to Combined Science, you will take 6 exams . However, rather than your grade being calculated from your grand total, instead you will receive one GCSE for each of the separate sciences. This means you will get three GCSE grades instead of two. Each paper is 1 hour 45 minutes and will be a mixture of multiple choice, short answer and long answer questions.
Each paper is worth 50% of that subject's GCSE grade.
Paper 1 Biology: Cell Biology, Organisation, Infection and Response and Bioenergetics.
Paper 2 Biology: Homeostasis, Inheritance, Genetics and Evolution and Ecology.
Paper 1 Chemistry: Atomic structure and the Periodic Table, Bonding, Structure and the Properties of Matter, Quantitative Chemistry, Chemical Changes, and Energy Changes.
Paper 2 Chemistry: Rate and Extent of Chemical Changes, Organic Chemistry, Chemical Analysis; Chemistry of the Atmosphere and Using Resources.
Paper 1 Physics: Energy; Electricity; Particle Model of Matter; and Atomic Structure
Paper 2 Physics: Forces; Waves; Magnetism and Electromagnetism, and Space Physics.

Careers

Studying Triple Science is not essential to studying the subjects at A-Level. However, there are prerequisite grades required for the study of A-Level Science. As with Combined Science, studying Triple Science at GCSE sets you up to go on to careers in healthcare, material sciences, pharmaceuticals, engineering, technology, medicine, dentistry, education, as well as many more!

GCSE History

Course Code: 8145 **Contact:** Mr S Mansfield
Exam/Controlled Assessment: 100% Exam

AQA

Description:

Historians are often asked: 'what is the use or relevance of studying history?' and 'why on earth does it matter what happened long ago?' The answer is that history is inescapable. It studies the past and the legacies of the past in the present. Far from being a 'dead' subject, it connects things through time and encourages its students to take a long view of such connections.

The AQA GCSE History specification is relevant and engaging for pupils and it also helps them to stimulate their interest in history. GCSE History takes four approaches: one thematic study, which enables pupils to understand change and continuity across a long sweep of history; one period study which allows pupils to focus on a timespan of at least 50 years; two depth studies (one British and one European/wider world) which enables pupils to focus on a short time span, and lastly a study of the historic environment which enables pupils to focus on a particular site in its historical context.

Pupils will develop a secure understanding of chronology, knowledge and understanding of history on different scales and contexts, apply historical concepts and processes and engage with the nature of evidence and interpretation.

Assessment

The assessments are broken into two papers that are 2 hours each:

Paper 1: Understanding the Modern World Helps pupils to understand key developments and events in modern world history. Section A: Period studies (25%) - USA 1920 - 73 Section B: Wider world depth studies (25%) - Conflict & Tension: In Asia 1950-1975

Paper 2: Shaping the Nation Enables pupils to understand key developments and events in the history of Britain. Section A: Thematic studies (25%) - Britain:Migration, Empires and th ePeople Section B: British depth studies with the historic environment (25%) - Elizabethan England c.1568- 1603

Careers

History gives pupils a range of skills that are transferable to most university courses and job roles including problem solving, critical thinking, persuasive writing, confidently and coherently explaining your views and ideas, analytical thinking, presenting innovative ideas and being open-minded. Employers look for history students because they are able to apply these skills in a range of situations and contexts. Pupils who have studied history go into a number of different areas of further study and employment. Some jobs that use skills and subject knowledge in history are teaching, media, law, management, medicine, nursing, accounts, business, hospitality and journalism.

GCSE Geography

Course Code: 8035 **Contact:** Mr S Mansfield
Exam/Controlled Assessment: 100% Exam

Edexcel/ Pearson

Description:

"Geography is the big picture subject of our times," The London Publishing Partnership. Geography helps you make sense of the world around you. It is hands on, it is relevant and it is fun!

The current GCSE course offers a good mix of topics such as natural hazards, tropical rainforests, urban environments and development to name but a few. The course will give you the chance to get to grips with some big questions which affect our world and understand the social, economic, environmental and political forces that shape and change our planet.

There are so many ways of learning geography. It is very practical with opportunities to learn new skills such as modern computer-based mapping, map skills, interpretation skills, fieldwork skills, presenting and debating techniques. You will improve your literacy through your report writing and written work and make practical use of your numeracy skills when you interpret data and construct graphs.

Fieldwork, or working outside of the classroom is a really important part of geography. Two fieldwork excursions offer a brilliant opportunity to experience some of the things you have learnt about in class out in the real world. There has never been a better time to study geography so make the choice to go places by taking geography at GCSE.

Paper 1: Living with the physical environment (35% of GCSE)	**Paper 2:** Challenges in the human environment (35% of GCSE)	**Paper 3:** Geographical applications (30% of GCSE)
Topic 1: The challenge of natural hazards (a range of hazards and extreme weather including volcanoes, earthquakes and hurricanes	**Topic 1:** Urban issues and challenges (we investigate the slums/favelas in Rio de Janeiro)	**Topic 1:** Issue evaluation
Topic 2: The living world (Tropical Rainforests and Deserts)	**Topic 2:** The changing economic world (topics include, changing population structure, uneven development and Fair Trade)	**Topic 2:** Fieldwork
Topic 3: Physical landscapes in the UK (Rivers and Coasts)	**Topic 3:** The challenge of resource management	**Topic 3:** Geographical Skills

Careers

Geography qualifications can support careers or further study in these areas: Urban planner or community development, cartographer, GIS specialist, climatologist, logistics, infrastructure management, environmental management, writer or researcher, emergency management, risk strategist, demographer, retail marketing, aid and charity work, information specialist, data analyst, business analyst, conservation officers, real estate sales and appraisals, surveyors, teaching, travel and tourism, climate change analyst, meteorologist, diplomat , lecturer, TV researcher.

GCSE French

Course Code: 1FR1 **Contact:** Ms Brittain/Madame Cousin/ Madame Liguori **Exam/Controlled Assessment:** 100% Exam

Edexcel

Description:

GCSE French is an exciting opportunity for pupils to build on the language skills they have developed throughout Key Stage 3.

The exam is brand new and will first be taught from September 2024. It designed to encourage pupils to be able to communicate confidently both in written and

spoken French in a range of different scenarios. The GCSE course blends cultural knowledge about French-speaking countries alongside extending pupils' grammar and vocabulary abilities to create proficient and confident linguists.

The specification is designed with a significant focus on developing spontaneous speech to ensure that pupils can apply their language skills in real life scenarios. Taking GCSE French offers pupils the chance to develop a wide variety of skills that are much sought after in a variety of different disciplines.

The course develops outward-looking, self-regulating, independent and confident learners. It encourages pupils to develop their communication and presentation skills as well as develop an empathetic and understanding worldview. A language qualification often sets pupils apart at interviews, as employers know they will have excellent attention to detail and be self-motivated.

Themes you will study:

- My personal world - Family, friends, relationships and equality
- Lifestyle & wellbeing - Physical and mental wellbeing, food and drink, sports.
- My neighbourhood - Places in town, shopping, the natural world and environmental issues.
- Media and technology - Music, TV, film, social media and gaming
- Studying & my future - School and future opportunities
- Travel & tourism - Transport, accommodation and tourist attractions

Exam Structure:

Speaking (50 marks)
Foundation: 7-9 minutes
Higher: 10-12 minutes
- Read aloud task
- Role Play
- Picture task and conversation (pictures in colour and you have a choice of 2)

Listening (50 marks)
Foundation: 45 minutes
Higher: 60 minutes (5 minutes reading time included)
- Listening
- Dictation
- 3 listens to each question

Reading (50 marks)
Foundation: 45 minutes
Higher: 60 minutes (5 minutes reading time included)
- Reading
- Translation into English

Writing (50 marks)
Foundation: 1 hour 15 minutes
Higher: 1 hour 20 minutes
- Picture task
- 2 writing questions (you will be told what you need to write about in English)
- Translation into French

Careers

Languages can be very beneficial in a variety of different careers – some where you will use the language actively every day and somewhere having a language is desirable and makes you a more employable candidate.
Some areas where a language is highly sought after are:
Teaching, translator, interpreter, tour guide, tourism and hospitality, airline pilot, flight attendant, journ
government employee, working for the embassy/foreign office, politics, university researcher,
law, business and trade.

GCSE Computer Science

Course Code: J277 **Contact:** Mr R Evans
Exam/Controlled Assessment: 100% Exam

OCR

Description:

This qualification will build on the knowledge, understanding and skills established through the Computer Science elements of the Key Stage 3 programme of study.

The content has been designed not only to allow for a solid basis of understanding, but also to engage learners and get them thinking about real world application. Pupils will learn about and explore the effectiveness of computer programming and the impact that this has in today's society.

The course gives a real, in-depth insight into how computer technology works. Pupils will be encouraged to understand and apply the fundamental principles and concepts of computer science including abstraction, decomposition, logic, algorithms and data representation. They will understand the impact of technology on the individual and wider society and will be encouraged to think creatively, innovatively, analytically, logically and critically.

Pupils who want to go on to higher education and employment using computing will find that this course provides the perfect platform. The course is suitable for pupils who:

- Have a keen interest in and aptitude for maths and problem-solving.
- Enjoy programming.
- Have a keen interest in Computer Science.
- Have a keen interest in further education / a career in the field of computing.

Assessment

The course content is assessed in **two** separate units

1. Computer Systems (50% exam)

2. Computational Thinking, Algorithms and Programming (50% exam)

Careers

Pupils could enter careers including software developer, games developer, programmer, cyber security, robotics, analyst, computer engineer, network engineer, database designer.

GCSE Art & Design

Course Code: J170 **Contact:** J Barlow / M Haynes
Exam/Controlled Assessment: 40% Exam 60% Portfolio

OCR

Description:

Are you interested in starting a career within the creative industry? Are you keen to develop your practical skills in the exciting field of art and design, preparing you for industry or higher education? Do you dream of being an artist, architect or graphic designer? Are you always doodling, wanting to produce more detailed artwork?

Through a combination of practical and theory activities you will acquire a range of creative skills. You will complete two Art projects which explore multi disciplines to prepare you for Britain's expanding design industry. In your projects you will use various materials, techniques and processes and be challenged to achieve a high level of skill by passionate teachers of design. Some of the workshops we complete in lessons are: tonal and colour pencil drawing, paint application, photography, threedimensional design, digital design and much more.

Throughout the course there may be opportunities to visit national galleries, museums and shows including in London and Birmingham.

Assessment

• Unit 1 (60% of the qualification) Pupils are required to produce a portfolio of work showing their personal response to a scenario. Pupils will carefully select, organise and present their work and should show a range of recording skills. Pupils should explore various materials, techniques and processes, showing their journey from a starting point to a final outcome.

• Unit 2 (40% of the qualification) This is an externally set task that pupils will complete during the second year of the course. Pupils will have the option to choose one of five themes to develop a project to a final outcome and they will complete preparatory work before completing a final outcome in a 10-hour supervised exam.

Pupils are assessed against the following assessment objectives:

AO1 - Develop (Critical understanding)

AO2 - Refine (Experimenting with materials, techniques and processes)

AO3 - Record (Observations and insights)

AO4 - Present (Personal and meaningful response) Careers: The number of creative jobs in the UK totalled 2.8 million last year, including Art and Design.

Careers

The careers open to the artistically minded individual are nearly infinite. Art and Design gives you the skills to go into a wide variety of different fields. Art can lead pupils into careers such as: Fine Artist, Architect, Interior designer, Tattoo artist, Graphic Designer (web design, editorial design), Art Therapist, Illustrator, Photographer (photojournalist, documentary photographer, fashion photographer), Curator, Practicing Artist (painter, printmaker, ceramicist, glass blower.

GCSE Religious Studies

Course Code: 8062 **Contact:** Mr Leiper / Mr Mansfield
Exam/Controlled Assessment: 100% Exam

AQA

Description:

Our GCSE covers a range of the major world religions, four contemporary ethical themes, ensuring students have a diverse choice of intriguing subjects to explore.
Students will be challenged with questions about belief, values, meaning, purpose and truth, enabling them to develop their own attitudes towards religious issues.
Students will also gain an appreciation of how religion, philosophy and ethics form the basis of our culture. They will develop analytical and critical thinking skills, the ability to work with abstract ideas, leadership and research skills. All these skills will help prepare them for further study.

Component 1: The study of religions.
The study of religions focuses on two chosen religions, we will be studying Christianity and Islam, where you focus on the beliefs, teachings, practices and values of religious believers. At the end of the two years you will take an exam paper for each religion. This is exam paper is made up of questions ranging from 1 mark to 15 marks, so this will take the ability to answer extended writing questions.

Component 2: Thematic studies
Thematic studies focus on ethical, philosophical and religious themes. Our chosen themes are;
- The existence of God
- Religion, Human rights and Social justice
- Religion, crime and punishment
- Religion, peace and conflict.

Assessment

Paper 1 : Written exam: 1 hour and 45 minutes.
96 marks, plus 6 for spelling, punctuation and grammar.
(50% of GCSE)

Paper 2 : Written exam: 1 hour and 45 Minutes
96 marks, plus 3 for spelling, punctuation and grammar.
(50% of GCSE)

Careers

Religious Studies equips you for almost any career path. It develops a range of skills that you will need in almost every job such as problem-solving, empathy, critical thinking and logical decision making. Employers agree Religious Studies pupils have skills that make them very valuable in the workplace. It is also important because it builds character and develops soft skills that employers look for, such as communication, initiative and social interaction.

Jobs could include: Teaching, law, social work, health work, childcare, local government and journalism.

Engineering Design

Course Code: J822 **Contact:** Mr Harrison
Exam/Controlled Assessment: 40% Exam | 60% Controlled Assessment

OCR Cambridge Nationals

Description:

Engineering is a discipline dedicated to problem solving. Our built environment and infrastructure, the devices we use to communicate, the processes that manufacture our medicines, have all been designed, assembled or managed by an engineer.

You will find engineers working on advanced prosthetics, creating new materials, investigating engine efficiency and alternative fuels, constructing bridges or developing clean water systems. From satellites to cell membranes engineers use maths and science to achieve extraordinary things and find solutions to some of the world's most complex challenges.

Assessment

You will study the key aspects of engineering design, and have the opportunity to apply what you learn through a number of practical experiences. This will involve you studying three mandatory units:

- R038: Principles of engineering design This is assessed by an exam. In this unit you will learn about the design process, and all of the stages that are involved. Topics include:
  - o Designing processes
  - o Designing requirements
  - o Communicating design outcomes
  - o Evaluating design ideas

- R039: Communicating designs This is assessed by coursework. In this unit you will learn how to use sketching and engineering drawings to communicate your ideas. Topics include:
  - o Manual production of freehand sketches
  - o Manual production of engineering drawings
  - o Use of computer aided design (CAD

- Exam - R040: Design, evaluation and modelling This is assessed by coursework. In this unit you will learn how to create and test models of your design. Topics include:
  - o Product evaluation
  - o Modelling design ideas

Careers

- Apprenticeships
- College
- University
- Army
- Electrical Engineer
- Civil Engineer
- Marine Engineer
- Software Engineer
- Environmental Engineer

Vocational Hospitality & Catering

Course Code: 5569QA **Contact:** Mrs M Dyer
Exam/Controlled Assessment: 40% Exam 60% Controlled Assessment

Pearson/ Edexcel

Description:

Hospitality and Catering is an exciting and creative course which focuses on practical cooking skills and theoretical concepts to provide pupils with the opportunity to develop a thorough understanding of the hospitality and catering industry.

The structure of this course has been designed to develop the knowledge and understanding pupils have in relation to a range of hospitality and catering providers; how they operate and what they have to take into account to be successful.

There will be the opportunity to learn about issues related to nutrition, food safety and how successful hospitality and catering businesses operate. Pupils will also have the opportunity to develop their food preparation, cooking and presentation skills as well as transferable skills of problem solving, organisation, time management, planning and communication.

Assessment

The course is assessed through the completion of two separate units detailed below;

Unit 1- The Hospitality and Catering Industry This unit focuses on building industry knowledge to equip pupils with the knowledge and understanding of the procedures and processes that should be in place in a hospitality and catering business. This is a 90-minute written examination and forms 40% of your total grade

Unit 2- Hospitality and Catering in Action. This unit focuses on the pupil's ability to apply knowledge that they have been taught by planning, preparing, cooking, and presenting two nutritional dishes which meet a design brief given to them. This is a piece of controlled assessment completed in school that will include a 3-hour practical task and an accompanying written portfolio. This forms 60% of your total grade

Careers

Studying Hospitality and Catering is a great grounding for many career paths within the food and catering industry, which would include: Food product development, chef, dietician, sports nutrition, food and beverage manager, operations manager, hotel/restaurant manager, teacher, environmental health officer, armed forces personal, product designer, food scientist, food stylist, marketing, agricultural farmer, aquaculture specialist, events manager and many more!

BTEC Digital IT

Course Code: 603/7050/6 **Contact:** Mr R Evans
Exam/Controlled Assessment: 40% Exam | 60% Controlled Assessment

Pearson/ Edexcel

Description:

BTEC Tech Awards are new Level 1 and Level 2 qualifications, complementing GCSEs and providing pupils with a first glimpse into a professional sector.

These qualifications assess pupils through scenario-based external assessments rather than traditional exam formats. There is a clear progression onto Level 3 study for pupils who want to explore digital information technology further.

The course is differentiated for grading across both Level 1 and Level 2 and maps to the 9 - 1 GCSE grades. This course is built around three components; exploring user interfaces and design, developing and presenting data and applying your gained knowledge effectively to working practice.
During User Interface design you will investigate project planning techniques, and discover how to develop a user interface to suit the needs of a specific target audience. You will then collect, explore and manipulate data to draw conclusions and make intelligent recommendations. In this component, you will learn how organisations can use technology safely and about the cyber security issues raised when working in a digital organisation.
The knowledge you develop in this unit will give you a basis for future employment where your understanding of technology will be extremely valued.

Assessment

The course is made up of three components, two that are internally assessed and one that is externally assessed:

Compontent 1: Exploring User Interface Design Principles and Project Planning Techniques
- Internally assessed assignment(s)
- 30% of the total course

Compontent 2: Collecting, Presenting and Interpreting Data
- Internally assessed assignment(s)
- 30% of the total course

Compontent 3: Effective Digital Working Practices
- Externally assessed exam
- 40% of the total course.

Careers

Network consultant, cyber security expert, IT technician, ethical hacking – e.g working for GCHQ, web development

BTEC Performing Arts (Dance)

Course Code: 603/7054/3 **Contact:** Mrs Haynes
Exam/Controlled Assessment: 40% Exam | 60% Controlled assessment

Pearson/ Edexcel

Description:

BTEC Performing Arts - Dance is for pupils who want to acquire technical knowledge and skills through vocational contexts by studying Dance.

The course is a combination of practical and theoretical assessment where pupils study a range of three different dance styles.

Through this course, learners will acquire Dance knowledge and skills through vocational contexts by studying professionals' work. They will learn how to contribute to the creation of a performance in either a performance or non-performance role. Learners will also have the opportunity to develop their own technical, practical and interpretative skills through workshops and classes, and to apply them in the internal and external assessments. In addition, learners will develop transferable and employability skills such as responding to a brief, self-development, planning, time management and communication

Assessment

Pupils will complete three components. Component 1 and 2 are internally assessed and externally moderated units and will be teacher-led through the completion of a number of coursework activities completed under controlled conditions.

These include written assignments and the delivery of presentations. Component 3 is an externally assessed unit will be completed under controlled conditions, consisting of three written assessments and one practical.

The titles of the components are:
Component 1: **Exploring the Performing Arts** (Internal)
Component 2: **Developing Skills and Techniques in the Performing Arts** (Internal)
Component 3: **Responding to a brief** (External)

Careers

Studying BTEC Dance can lead to a range of career paths including; professional dancer, choreographer, fitness instructor, teacher, theatre manager, dance therapy, dance journalism, sports coach, sport and dance development officer.

BTEC Performing Arts (Drama)

Course Code: 603/7054/3 **Contact:** Mrs Haynes
Exam/Controlled Assessment: 40% Exam | 60% Controlled assessment

Pearson/ Edexcel

Description:

BTEC Performing Arts - Drama is for pupils who want to acquire technical knowledge and skills through vocational contexts by studying acting.

The course is a combination of practical and theoretical assessment where learners study a range of three different drama practitioner styles and play texts.

Through this course, learners will acquire Drama knowledge and skills through vocational contexts by studying professionals' work. They will learn how to contribute to the creation of a performance in either a performance or non-performance role. Learners will also have the opportunity to develop their own technical, practical and interpretative skills through workshops and classes, and to apply them in the internal and external assessments. In addition, learners will develop transferable and employability skills such as responding to a brief, self-development, planning, time management and communication.

Assessment

Pupils will complete three components. Component 1 and 2 are internally assessed units and will be teacher-led through the completion of a number of coursework activities completed under controlled conditions. These include written assignments and the delivery of presentations. Component 3 is an externally assessed unit which will be completed under controlled conditions, consisting of three written and one practical assignments.

The titles of the components are:
Component 1: **Exploring the Performing Arts** (Internal)
Component 2: **Developing Skills and Techniques in the Performing Arts** (Internal)
Component 3: **Responding to a brief** (External)

Careers

There are many career opportunities after studying this course, Actor, Director, Teacher, Journalist, Drama therapist, and a number of careers in Television and Media.

BTEC Music Practice

Course Code: 603/7055/5 **Contact:** Miss Harrison/M Haynes
Exam/Controlled Assessment: 40% Exam | 60% Controlled Assessment

Pearson/ Edexcel

Description:

The skills developed through music education are integral to many roles in the creative industries. The music industry in the UK is a world-leading industry and major British export, influencing the musical landscape globally.

In BTEC Music Practice, the curriculum is designed for students to develop an understanding of roles and responsibilities in the music industry and to develop their skills in performing, composing or music production, helping students to develop transferable skills as well as the most in demand skills in the music industry.

The Award gives learners the opportunities to develop sector-specific applied knowledge and skills through realistic vocational contexts.

The main focus is on four areas of equal importance:

- Development of key skills that prove learners' aptitude in music, such as responding to a musical brief using musical skills and techniques
- Processes that underpin effective ways of working in the music sector, such as the development of musical ideas, and using skills and techniques for rehearsal, creation, production and performance to respond to a music brief
- Attitudes that are considered most important in the music sector, including personal management and communication
- Knowledge that underpins effective use of skills, processes and attitudes in the sector, such as musical skills and styles.

Assessment

The qualification comprises of three components which are either internally or externally assessed. The three components focus on the assessment of knowledge, skills and practices allowing students to specialise as a composer, a performer or a producer. These are all essential to developing a basis for progression and, therefore, students need to achieve all components in order to achieve the qualification.

Component	Title	Level	Assessment
1	Exploring Music Products & Styles	1/2	An internally set project, externally moderated.
2	Music Skills Development	1/2	An internally set project, externally moderated.
3	Responding to a Commericial Music Brief	1/2	An exam project set by Pearson exam board; external synoptic

Careers

Careers include: session musician, orchestra performer, peripatetic music teacher, instrumental teacher, music examiner, recording studio artist, music producer, composer, video game music composer, music librarian, performing artist, freelance musician, musical theatre performer, pit band musician, private teacher, music producer, music transcriber, music therapist, radio manager and even instrument maker and repairer. The BTEC Tech Award primarily allows students to progress into further academic music study or into further vocational development, depending on what the learner is interested in pursuing.

BTEC Sport

Course Code: 603/7068/3 **Contact:** Mr A Woodall
Exam/Controlled Assessment: 60% Exam | 40% Controlled assessment

Pearson/ Edexcel

Description:

This course is designed for pupils who have a keen interest in working with others within sport and exercise in order to influence a positive change in performance and exercise.

Within Component 1 learners will explore the different types and provision of sport and physical activity available for different types of participants, barriers to participation and ways to overcome these barriers to increase participation in sport and physical activity. They will also research equipment and technological advances in a chosen sport or physical activity and how to prepare our bodies for participation in sport and physical activity.

Component 2: focuses on learning about sport through participation as a player, understanding the roles of an official and learning about practical ways to improve other participants' sporting performance. This will help you to develop your own sporting skills as well as give you a good understanding of the rules of the sport so that you are able to adhere to these rules when participating. In addition, it will also help you to understand and apply different methods to improve other participants' sports performance.

Component 3: will develop learners' theoretical understanding of the importance of fitness and the different types of fitness for performance in sport and physical activity. They will also develop an understanding of the body and fitness testing. Learners will gain an appreciation and understanding of the different fitness components, fitness tests, training methods and training principles that can be incorporated into their training regime to further enhance and improve their sports performance.

Assessment

Component 1: Internal written assessment on 'Preparing Participants to Take Part in Sport and Physical Activity' 30% of the course.

- Learning Aim A: Explore types and provision of sport and physical activity for different types of participant.
- Learning Aim B: Examine equipment and technology required for participants to use when taking part in sport and physical activity
- Learning Aim C: Be able to prepare participants to take part in sport and physical activity

Component 2: Internal written assessment on 'Taking Part and Improving Other Participants Sporting Performance' 30% of the course.

- Learning Aim A: Understand how different components of fitness are used in different physical activities.
- Learning Aim B: Be able to participate in sport and understand the roles and responsibilities of officials.
- Learning Aim C: Demonstrate ways to improve participants sporting techniques.

Component 3: External written exam on 'Developing Fitness to Improve Other Participants Performance in Sport and Physical Activity' 40% of the course, 1 hr 30 minutes exam.

Careers

Sport scientist, coach, fitness instructor, sports doctor, physiotherapist, sports psychologist, sports massage therapy, sports journalist.

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