



CRIMSON
GLOBAL ACADEMY

February 2026

CURRICULUM GUIDE

For International GCSE and A-Levels



Pearson
Edexcel



CAMBRIDGE
International Examinations

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General Academic Information

ACADEMIC PATHWAYS AT CRIMSON GLOBAL ACADEMY

Crimson Global Academy offers Pre-IG, International GCSE, AS and A level courses.

Pre-IG courses provide a foundation for the study of International GCSE, which is in turn a preparatory programme for study at AS and AL level.

AS takes one year to complete and A levels are studied across two years (1 year of which is the AS course). Students progress to AS and A levels in the academic year following their International GCSE results, but you can take them at any age.

Crimson Global Academy will provide a pathway for capable students to progress their studies at a rate most appropriate for them, which potentially could be quicker than other pathways.

PEOPLE WHO CAN HELP WITH COURSE ADVICE

All the teaching staff will be able to give advice on the suitability of courses for students. Specific advice about the suitability of subjects choices specific for your tertiary study should be directed to the Director of University Admissions.

All students will be given advice about important points to consider when selecting subjects for the following year.

STAFF NAME	POSITION	EMAIL ADDRESS
Glen He	Head of Sheppard House	g.he@cga.school
Martinique Glass	Head of Rutherford House	m.glass@cga.school
Di Austin	Deputy Principal - Aoraki	d.austin@cga.school
Mark Phillips	Principal	m.phillips@cga.school
Ronan Kearney	Deputy Principal	r.kearney@cga.school

GENERAL ADVICE FOR SUBJECT SELECTION

- + Research the career possibilities that interest you.
- + Check the entry requirements for the various universities and their specific courses that interest you.
- + Ask for help if you need it. The people who can help you are listed above.
- + Read the Subject Details in the Curriculum Guide. They include course descriptions, assessment details and recommended background.
- + Choose subjects in which you have the necessary background to be successful (staff will guide you if you are unsure)

PROGRESS TO APPROPRIATE SUBJECTS IN FEBRUARY

The Curriculum Guide indicates the required or recommended levels of achievement needed in each subject to progress to the next level of study. Students who are not achieving at the required level in this year's courses will need to have a meeting with the Academic Dean to plan their future course of study.

EXTERNAL EXAMINATION SUBJECT ENTRY FEES

Crimson Global Academy will inform you of the fees for each examination window. These are invoiced separately to school fees. There are 3 sessions each year but not all subjects are offered in each examination window.

The fees will include the fee as set by Pearson Edexcel or Cambridge Assessment; a school administration fee will be included.

Note: Exam fees are an additional cost and not included in CGA school fees, this is because prices can vary depending on the exam centre and arrangements.

REMOTE INVIGILATION

In partnership with Pearson Edexcel, we now offer all Edexcel international GCSE (iGCSE) and International A level courses through remote invigilation. This approach allows students to undertake examinations fully remotely from their normal online work station at home.

EXAMINATION SESSION TIMES

All examination sessions are determined by Pearson Edexcel and Cambridge Assessment.

The timetables will be published by the school as soon as possible each year.

Note: the examination session may differ from the formal examination timetable issued by Pearson Edexcel due to security issues associated with various time zones. The school will issue a timetable directly to students with these changes.

The school will facilitate all entries, regardless of a student's geographic location.

FULL-TIME STUDENTS

Full-time students will need to have their course of study approved by either the Deputy Principal or the Academic Dean.

Full-time Lower Secondary Stage 2 Students:

- Must study **four** major core subjects: English, Social Sciences, Mathematics & Science
- Must study **two** minor core subjects: Information Technology , 3D Art
- Must attend a weekly Form-Time, Learning for Life Lesson and Assembly

Full-time Pre-IG Stage 1 and 2 Students:

- Must study **four** major core subjects: English, Social Sciences, Mathematics & Science
- Must study **two** minor core subjects: Computer Science, 3D Art, Commerce or Spanish
- Must attend a weekly Form-Time, Learning for Life Lesson and Assembly

Full-time International GCSE Students:

- Must study English Literature *or* English Language
- Must study Mathematics
- Must take at least one Science
- Are strongly recommended to study a social science or commerce subject
- Must study at least 5 subjects. Students wishing to study 6 subjects need the approval of the Deputy Principal.
- Must attend a weekly Form-Time, Learning for Life Lesson and Assembly

Full time AS Level Students:

- New Zealand or Australia based students must study English Language *or* English Literature *or* General English for AS level
- Students must choose 4 subjects
- Students can study 5+ subjects on application to the Deputy Principal
- Must attend a weekly Form-Time, Learning for Life Lesson and Assembly

Full-time IAL Students:

- Students must have already passed the relevant AS Level subjects with a grade C or higher to automatically progress to A2, otherwise they need to have a meeting with their Dean or Deputy Head to confirm progression..
- Students should attempt a minimum of 4 AS/AL subjects.
- If a student wishes only to complete 3 AL subjects, they can make up the required 4th subject with a new AS Level or EPQ project.
- Must attend a weekly Form-Time, Learning for Life Lesson and Assembly

Exceptions may be made to cater for individual circumstances.

MAKING SUBJECT CHOICES

It is important that you choose your subjects wisely. On the whole, your best choices will be the subjects that you enjoy most and in which you think you are most likely to be successful. However, there are some subjects that are either essential, or at least very

important, for some careers. If you have plans at this stage to follow a particular career, you must find out what subjects are needed so that you do not choose an inappropriate combination for your future studies. Things you ought to consider include:

Your level of interest in the subject

Does a subject really interest you? Why? You need to be interested in the subject matter and enjoy the skills involved in it. For example, does it involve extended writing? In addition, take into account how the subject will be assessed. Will there be any coursework or field work?

Your ability in the subject

What are your strengths and weaknesses? Look at your latest school report and be clear about the subjects in which you have been most successful so far and why this is. What skills come more easily to you?

When you are choosing, please bear the following in mind:

Do choose a subject because:

- *You will enjoy it*
- *You have a strong interest in it*
- *You are good at it*
- *It will help you in your future career aspirations and plans*
- *It contributes to a strong mix of subjects*
- *You believe that you will succeed in it*

Do Not choose a subject because:

- *Your friends have chosen it*
- *You think it will be easy*
- *You have been told it involves less work*
- *Relatives or friends tell you to do it without a good reason*
- *You just like your current teacher*
- *You want to do something new for the sake of it*

EXPECTED ENGLISH LEVEL

Lower Secondary and Pre-iGCSE - CEFR **B1** or higher

iGCSE - CEFR **B2** or higher

A level - CEFR **B2.2** or higher

Pastoral Programme

LEARNING FOR LIFE PROGRAMME

LfL stands for Learning for Life education. In this programme students will develop the knowledge, skills and attributes they need to manage their lives, now and in the future. It will help them to stay healthy and safe, while preparing them to make the most of life, study and work. LfL will provide a foundation so that as students enter their final three years of secondary school they understand what they have to do, and when, in order to maximise their chances of gaining admission to a tertiary institution which is the best fit for them individually, and which will provide a pathway to a fulfilling career

Major topic areas covered include:

- Digital Citizenship and Online Safety
- Study and Examination Skills
- Health and Well-being
- Relationships
- University and Career Planning

FORM TUTOR PROGRAMME

CGA Form Tutors work with a group of students as a pastoral point of contact.

Each Form Tutor will have a weekly period scheduled in their timetable, known as “Form Time”, where they can check in with their pastoral tutees and give them the opportunity to meet in a more casual setting than assembly or class time.

The aim of this element of CGA’s pastoral programme is to give all students a regular, scheduled opportunity to make direct, individual contact with a trusted adult and peers to ensure that they have every opportunity to feel safe, seen and heard.

Lower Secondary & Pre-IG Programme and Subjects

This programme is offered at three levels, Lower Secondary Stage 2, and Pre-iG Stage 1 and 2. Lower Secondary Stage 1 courses are offered via our Da Vinci programme. It is designed to provide a solid foundation in key subject areas to allow students to successfully progress to a full-time IGCSE programme. Curriculum content is based on Pearson Edexcel International Lower Secondary syllabuses.

LOWER SECONDARY PROGRAMME

Full-time Stage 2 courses are comprised of:

- **Four** major core subjects: English, Social Sciences, Mathematics and Science.
- **Two** minor core subjects:
 - Stage 2: 3D Art and Information Technology;
- A weekly Form-Time, LfL lesson and Assembly

PRE-IG PROGRAMME

Full-time Stage 1 and 2, courses are comprised of:

- **Four** major core subjects: English, Social Science, Mathematics and Science.
- **Two** minor core subjects:
 - 3D Art, Computer Science, Commerce *or* Spanish;
- A weekly Form-Time, LfL lesson and Assembly

Subjects available for part-time study are:

- Pre-iG Stage 1: English, Mathematics, Science
- Pre-iG Stage 2: English, Mathematics, Science.

LOWER SECONDARY COURSE DESCRIPTIONS

ENGLISH

Stage 2 – English

The CGA Stage 2 English course covers seven units to introduce you to the skills and language you will need to succeed at this higher level.

You will also be introduced to ways of working in English classes - class and small group discussions and debates; making presentations individually, as part of a pair, or in small group; reading and annotating a novel, a play, a selection of poems, exploring articles and speeches, analysing a film - we expect you to be an active participant in all the activities.

And most importantly, we want you to discover material for yourself that you will bring to class and share with your peers and your teacher because the most important aim for us in this course is that you expand your horizons.

Course aims

- To provide students with a shared background of texts and skills as an introduction to studying English at high school/secondary level.
- To encourage reading for pleasure. We know (and research supports us) that students who read for pleasure develop superior vocabulary and expressive skills.
- To establish expectations of spelling, punctuation and grammatical accuracy to ensure students have the basics required for success in the future.
- To introduce some of the terminology and analytical ways of working with texts as a foundation for more advanced courses.
- To provide students with strategies for planning and developing ideas to extend their writing and consistently produce structured texts of between 250 and 500 words in 60 minutes

MATHEMATICS

The Lower Secondary Mathematics curriculum provides a strong foundation in mathematics. It reinforces concepts from primary and intermediate mathematics and bridges the gap to higher level Mathematics. The aims and objectives of the course are to enable students to become fluent in the fundamentals of mathematics; demonstrate detailed understanding of complex mathematical procedures; organise, interpret, and present data; and apply their mathematics to solve problems.

The **Stage 2** Lower Secondary Course covers the fundamentals underpinning Mathematics and is organised into four attainment strands.

- Strand 1: Number, Integers, decimals and arithmetic; Fractions, decimals and percentages; Ratio and proportion
- Strand 2: Algebra, Sequences; Equations;
- Strand 3: Geometry, Units of Measurement; Polygons and polyhedra; Symmetry;
- Strand 4: Statistics, Averages and Probability

SCIENCE

The Lower Secondary course covers aspects of Biology, Chemistry and Physics to prepare students for Pre-iG. All 3 levels include scientific enquiry, collection of data with the use of ICT, tables, graphs, data analysis and drawing conclusions. Broad content specific to each level includes:

Stage 2

- Biology: Cells, tissues, organs and systems; Ecosystems; Muscles and Bones
- Chemistry: Atoms, elements and compounds; Mixtures and separation; Acids and alkalis
- Physics: Energy; Current electricity; Forces

3D ART

This course encourages creativity by refining artwork and encouraging students to use their own viewpoints. Analysis of historical and contemporary artworks enable students to gain an understanding of the meaning and intent of the artworld. Practical art using materials and techniques of drawing, painting, mixed media alongside the use of cutting-edge digital technology provides the opportunity for students to investigate and respond to their own personal viewpoints in their practice.

Stage 2

- 3D Clay modelling, refining and painting.
- Diorama Using world sources to develop ideas and concepts
- Computer 3D modelling from their own frame
- Drawing from 3D to 2D: Exploring historical and contemporary artists interpretations
- Painting and mixed media using: Portraiture to investigate points of view
- Construction
- Cartooning, digital drawing and 2D animation to express own viewpoints

INFORMATION TECHNOLOGY

The Lower Secondary course is designed to provide students with a comprehensive understanding of digital tools and technologies that are integral to modern life. It covers a mix of practical units and explores theory topics related to the use of computer systems and digital technologies.

The **Stage 2** units cover:

- Word Processing
- Spreadsheets
- Multimedia Applications
- Touch Typing
- Digital Citizenship and Online Safety
- Emerging Technologies

SOCIAL SCIENCE

The purpose of this programme at CGA is to inform, raise awareness and, where appropriate, question these varied factors. At the end of the course students should have a better understanding of the world in which we live and what it means to be a global citizen.

Major topic areas covered include:

- Social Justice and Equality
- Identity and Diversity
- Globalisation and Interdependence
- Peace and Conflict
- Human Rights
- Power and Governance
- Sustainable Development

LEARNING FOR LIFE

LfL stands for Learning for Life education. In this programme students will develop the knowledge, skills and attributes they need to manage their lives, now and in the future.

Major topic areas covered include:

- Digital Citizenship and Online Safety
- Study and Examination Skills
- Health and Well-being
- Relationships
- University and Career Planning

PRE-IG COURSE DESCRIPTIONS

ENGLISH

Stage 1 – English

The CGA Stage 1 English course introduces students to more advanced texts and subject matter and builds on the skills and terminology covered in the LS Stage 2 programme. Non-fiction and fiction texts will be covered with students reading a selection of extracts across a range of genres - autobiographical, environmental, scientific, and journalistic. Students will also study complete texts in the form of short stories, poetry and a modern play.

Developing the knowledge and skills to read, understand and comment on texts analytically using subject specific terminology is the focus for this course. Students will have the opportunity to use their understanding of form, structure and style to create their own texts.

The main genres covered include:

- Traditional forms such as newspaper and magazine articles, speeches and letters
- Computer Mediated Communication - blogs, vlogs, social media and multimodal texts
- Informative and persuasive writing for advertisements leaflets and brochures
- Creative writing - narrative, descriptive and autobiographical

And the complete texts include:

- A selection of poetry from 1550 to the present
- A selection of short stories from 1850 to the present
- A drama text such as 'War Horse' Nick Stafford

Stage 2 – English

The Stage 2 course provides students with the opportunity to fine tune their analytical and writing skills in preparation for the expectations of IGCSE courses in English Language and / or Literature. Students will read three core texts - a modern novel, a Shakespeare play and an anthology of poetry and selection of non-fiction extracts - discussing their use of language, structure, characterisation and the development of themes. Students will use the terminology of literary criticism, structuring and writing analytical commentaries. By the end of the course students are expected to have attained the standard required for success in the external examination courses the following year.

Potential texts include:

- 'Animal Farm' by George Orwell
- 'Romeo and Juliet' by William Shakespeare
- A selection of poetry from the 1500s to the present
- A range of twentieth and twenty-first century non-fiction extracts

MATHEMATICS

The Pre-IGCSE Mathematics curriculum provides a strong foundation in mathematics. It reinforces concepts from primary and intermediate mathematics and bridges the gap to higher tier International GCSE Mathematics. The aims and objectives of the course are to enable students to become fluent in the fundamentals of mathematics;

demonstrate detailed understanding of complex mathematical procedures; organise, interpret, and present data; and apply their mathematics to solve problems.

The **Stage 1** Pre-IG course builds upon the knowledge and skills developed in LS Stage 2 and is also organised into the four attainment strands.

- Strand 1: Number, Integers, powers, and roots; Standard Form
- Strand 2: Algebra, Sequences; Equations and Inequalities; Graphs and Graphical solutions
- Strand 3: Shape, Measures and Transformations of plane figures.
- Strand 4: Data , Analysing data, Probability

The **Stage 2** course builds on the knowledge and skills developed in Stage 1 and is organised into four strands which are designed to directly underpin future study, specifically of International GCSE Mathematics Specification A.

- Strand 1: Number, Integers; Fractions and decimals; Percentages; Calculation skills, Ratio and proportion; Standard Form
- Strand 2: Algebra, Quadratics, Expressions and formulae; equations; Sequences; Graphs; Inequalities
- Strand 3: Geometry, Measure; Angles; Symmetry; Transformation; Constructions; Congruence & similarity; Pythagoras' theorem & trigonometry
- Strand 4: Statistics, Data; Charts and diagrams; Probability

SCIENCE

The pre-IG course covers aspects of Biology, Chemistry and Physics to prepare students for their GCSE and then A-level journey in their chosen discipline(s). All 3 levels include scientific enquiry, collection of data with the use of ICT, tables, graphs, data analysis and drawing conclusions. At stage 2, all 3 subjects will have STEM projects and Transition to further study after the main content has been covered.

Stage 1

- Biology: Food and nutrition; Plants and reproduction; Breathing and respiration; Unicellular organisms
- Chemistry: The Periodic Table; Combustion; Metals and their uses; Rocks
- Physics: Fluids; Light; Energy transfers; Earth and Science

Stage 2

- Biology: Sexual reproduction in animals; Genetics and evolution; Plant growth
- Chemistry: Making materials; Reactivity
- Physics: Sound; Forces and motion; Force fields and electromagnets.

Commerce, Computer Science, Social Science and LfL all follow a spiral curriculum. This means that at both Stage 1 and 2 they cover the same themes, concepts and skills but in a logical progression with increasing depth and complexity and/or studying different topics and settings.

COMPUTER SCIENCE

The Pre-IG courses provide a good foundation for developing programming skills and an understanding of the relationship between software and hardware. Common theory topics are in both courses, with the Stage 2 courses delving into greater depth. These topics include:

- Data Representation
- Computer Systems
- Communication
- Artificial Intelligence

Students are given the opportunity to develop their computational thinking and programming skills across a wide range of areas.

The **Stage 1** practical units cover:

- Website development with HTML and CSS
- Procedural programming with Python 3
- Visual programming, integrated with machine learning

The **Stage 2** practical units cover:

- Procedural programming with C#
- Electronics with C++
- Augmented reality and virtual reality with JavaScript

COMMERCE

This course is designed to provide an overview of Economics and Business and financial literacy. Upon completion of the course students will have gained a solid grounding in those subjects and be better positioned to make choices regarding subjects they wish to study at higher levels.

Major units covered:

- Accounting Basics
- Financial Literacy
- Introduction to Economics
- Introduction to Business

SOCIAL SCIENCE

Globalisation has been a dominant feature of the latest stages of the twentieth century and increasingly throughout the twenty-first century. This process has been driven by visual and print media and more recently through all forms of information and communication technology. We cannot escape the influence and impact of other peoples, values, cultures and belief systems. It is vital, if we are to be effective citizens of the twenty-first century, that we understand and appreciate the different forces that are shaping our lives and will shape our futures.

The purpose of this Social Science programme at CGA is to inform, raise awareness and, where appropriate, question these varied factors. At the end of the course students should have a better understanding of the world in which we live and what it means to be a global citizen.

Major topic areas covered include:

- Social Justice and Equality
- Identity and Diversity
- Globalisation and Interdependence
- Peace and Conflict
- Human Rights
- Power and Governance
- Sustainable Development

The aims and objectives of these courses are to enable students to:

- consider contemporary issues, changes and challenges faced by peoples in all parts of the globe and develop awareness and understanding of how they are affected by them
- understand that communities interact locally, nationally, regionally and internationally and that this has an impact on all individuals and societies
- develop and apply skills of enquiry, analysis and evaluation to different global issues and challenges
- demonstrate and apply knowledge and understanding of citizenship concepts, terms and issues
- analyse, interpret and evaluate information.
- students will develop basic essay writing skills and how to pose and defend an argument.

3D ART

3D Art is a creative course that encourages students to explore art, develop new skills, and express themselves in innovative ways. The course is structured to stimulate creativity and form a foundation for further study in art and design.

Students will learn 3D computer modelling and animation. Starting with user-friendly programs, students will have the chance to delve into the world of digital creation, with opportunities to advance their skills in more complex software.

The course will utilise a variety of basic materials, such as clay, card, paints and items from nature. Students will engage in imaginative projects that challenge their creativity and understanding of three-dimensional space and how to portray this in two dimensions using perspective and photography.

Each week, students will be introduced to the ideas of renowned artists through fun and engaging challenges, encouraging them to think critically and innovatively.

3D Art not only nurtures creativity but also develops vital skills such as spatial understanding, problem-solving, and innovative thinking—key competencies for success in the 21st century. This course is suitable for students of all skill levels, with tuition tailored to each student's individual capabilities.

Students will need access to basic materials and will be assisted in downloading two free software packages essential for the course. A smartphone camera will be necessary for the photography component of this course.

SPANISH

Spanish is a dynamic course designed to immerse students in the language from day one, fostering skills in listening, speaking, reading, and writing. The course emphasises active participation and cultural understanding, creating a well-rounded language learning experience.

Students will engage in interactive activities that encourage them to speak Spanish, enhancing their fluency and confidence. The course follows a clear grammatical progression, helping students grasp the underlying patterns and structures of the language for more effective learning.

The course focuses on topics related to self, personal relationships, and experiences, providing a relatable context for language practice. Students will participate in various interactive exercises, including teacher-student interactions and pair/group work, to reinforce their learning.

Each week, students will be introduced to cultural materials that highlight the richness of Spanish-speaking countries. These materials will broaden their understanding of different cultures, peoples, and ways of life, demonstrating that language learning is not just about words but also about connecting with diverse communities.

Spanish not only develops language skills but also fosters cultural awareness, critical thinking, and effective communication.

LEARNING FOR LIFE

LfL stands for Learning for Life education. In this programme students will develop the knowledge, skills and attributes they need to manage their lives, now and in the future. It will help them to stay healthy and safe, while preparing them to make the most of life, study and work. LLW will provide a foundation so that as students enter their final three years of secondary school they understand what they have to do, and when, in order to maximise their chances of gaining admission to a tertiary institution which is the best fit for them individually, and which will provide a pathway to a fulfilling career

Major topic areas covered include:

- Digital Citizenship and Online Safety
- Study and Examination Skills
- Health and Well-being
- Relationships
- University and Career Planning

EXTRA-CURRICULARS

CGA provides an extra-curricular programme that is designed to connect students socially and globally, help develop 'the whole person', and provide students with experiences and skills that may inspire interest and success in future careers.

Most extra-curricular activities take place through clubs which are either teacher or student-led. The vibrant programme offers something for everyone; activities as diverse as 3D Game Development, Model United Nations, Student Newspaper, Dance, e-sport, and Art, just to name a few.

International GCSE Subjects

PEARSON EDEXCEL INTERNATIONAL GCSE — OPTIONS

Pearson Edexcel International GCSEs are globally recognised qualifications with academic content and assessment designed specifically for international learners.

ABOUT INTERNATIONAL GCSE COURSES

Pearson Edexcel International GCSE (9–1) qualifications are comparable to the UK GCSE, with appropriate international content and assessment that will enable successful progression to A levels. International GCSE courses are designed for international learners. The content is appropriate for learners with international topics and the use of culturally sensitive, local contexts where possible. This ensures that these qualifications are even more relevant and engaging for students around the world by allowing for learning in a local context to a global standard.

GRADES AVAILABLE FOR INTERNATIONAL GCSE

In 2017 changes were made to the way International GCSE grades are awarded. Pearson Edexcel International GCSE grades are now awarded on a scale between 9 (outstanding performance) to a grade 1 (limited achievement) and U (ungraded), while Cambridge continue to use A* to E and U.

PEARSON IG NUMBER GRADE	CAMBRIDGE IG LETTER GRADE
9	A*
8	
7	
6	B
5	
4	
3	D E F G
2	
1	
U	
U	U

GENERAL ENTRY CRITERIA FOR ALL INTERNATIONAL GCSE COURSES

Students will need to demonstrate a proven ability to be successful in this course of study as determined by Crimson Global Academy. Data used could include school reports, CEM baseline testing, competition success or satisfactory entrance test results.

International GCSE Subjects

INTERNATIONAL GCSE COURSES OFFERED AT CRIMSON GLOBAL ACADEMY

SUBJECT	CODE	EXAMINATION SESSION	
		Full-time Classes	Part-time Classes
Art Photography*	4PY1	N/A	N/A
Biology	4BI1	November	N/A
Business	4BS1	November	N/A
Chemistry	4CH1	November	November
Computer Science, Cambridge ¹	0478	November	N/A
Economics	4EC1	November	N/A
English Language	4EA1	November	November
English Literature	4ET1	November	November
Geography	4GE1	November	N/A
History	4HI1	November	N/A
Mathematics	4MA1	November	November
Physics	4PH1	November	November
Psychology ²	1PS0	N/A	N/A

¹ Cambridge International IGCSE - exams can only be sat at CGA's centre in Auckland (NZ) or through private centres (e.g. British Council)

² Pearson Edexcel UK domestic GCSE - external exam is not available

*Art Photography is only available in May/Jun, students will take the course but not the examination.

Art Photography: International GCSE

Photography is one of the most useful art subjects for future career opportunities and supports many lines of study. The aim of this course is to provide inspiration and a range of stimulating opportunities that encourage and challenge students to develop and explore ideas in art using photography in an independent and personal way.

Students will record their ideas to explore and experiment with techniques such as depth of field, shutter speed, focal points and viewpoints. They will then develop their personal response to a broad topic to produce a portfolio of work.

This is a digital course where students will learn computer software to enable them to develop exciting works using modern technology.

Note: Students can do this course using a cell phone camera and free digital editing software.

ART PHOTOGRAPHY: INTERNATIONAL GCSE		
School Course Name	Art Photography International GCSE	
Edexcel Course Code	4PY1	
Recommended Background:	Proven ability to be successful in this course of study as determined by reports or by satisfactory entrance test results.	
Course Description:	This qualification requires students to develop creative work through a practical response based on photography and digital manipulation of images. Students will explore critically how artists, cultures, times and societies have communicated meaning in art using formal elements. They will extend this knowledge when photographing, creating new ideas and developing outcomes which realise their personal intentions.	
Unit code (W):	4PY1/01	4PY1/02
Assessment Type	Portfolio externally assessed	Preparatory studies and 10 hours of on-line invigilated work
Component descriptors	Component 1 consists of developing a portfolio from structured assignments which enable the development of photography skills, study of artists and personal exploration of themes.	Component 2 comprises studies in the development of personal responses based on the broad theme provided. Students will complete preparatory work before the invigilated assessment.
Weighting	50%	50%
Assessment Overview	AO1 - Develop ideas through investigations, demonstrating critical understanding of sources AO2 - Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes AO3 - Record ideas, observations and insights relevant to intentions as work progresses AO4 - Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language	

Staff Contact	Claire Hughes	c.hughes@cga.school
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Biology: International GCSE

Biology is a dynamic subject that dominates science coverage in the media. It addresses key concepts such as how the human body works and how life evolved.

The aim of the Biology department is to instil a desire to understand and question the complexities and workings of the natural world. Biology opens the door to careers in academic research, biotechnology, pharmaceuticals, conservation and environmental monitoring. It is also commonly a prerequisite for potential Medicine, Veterinary and Nursing applications.

INTERNATIONAL GCSE BIOLOGY		
School Course Name	Biology International GCSE	
Edexcel Course Code	4BI1	
Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Science; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results. International GCSE Biology is a prerequisite for IAL Biology.	
Course Description:	International GCSE covers all aspects of biology at a basic level. The breadth of the course means that subjects as diverse as classification to genetic engineering will be taught and tested. The course provides a good foundation for those students who would like to study IAS level Biology.	
Unit code (W):	Paper 1: 4BI1/1B and 4SD0/1B	Paper 2: 4BI1/2B
Assessment Type	Written examination, 2 hours. 110 marks	Written examination, 1 hour and 15 minutes., 70 marks
Component descriptors	The nature and variety of living organisms	The nature and variety of living organisms
	Structures and functions in living organisms	Structures and functions in living organisms
	Reproduction and inheritance	Reproduction and inheritance
	Ecology and the environment	Ecology and the environment
	Use of biological resources	Use of biological resources
Weighting	61.1% of the total International GCSE	38.9% of the total International GCSE
Assessment Overview	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.
Staff Contact	Jamie Robinson	j.robinson@cga.school

Business: International GCSE

Business lays down excellent foundations for those wanting to understand how businesses operate, from the initial business idea to the challenges multinational corporations face their day-to-day operations. Those students who have an interest in management, marketing, finance and entrepreneurialism would be interested in the concepts covered in Business.

At the International GCSE level Business will provide a basic understanding for those who want to go on to study Business or Economics for IAS.

INTERNATIONAL GCSE BUSINESS		
School Course Name	Business IGCSE	
Edexcel Course Code	4BS1	
Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Commerce; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.	
Course Description:	Topics covered include business activity and influence on business, people in business, business finance, marketing, business operations	
Unit code (W):	4BS1/01	4BS1/02
Components	Investigating Small Businesses	Investigating Large Businesses
Assessment Overview	Four compulsory questions, each worth 20 marks. The sub-questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions. Calculators may be used in the examination.	Four compulsory questions, each worth 20 marks. The sub-questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions. Calculators may be used in the examination.
Weighting	50%	50%
Assessment Type	Written examination, 1 hour, 30 mins. 80 marks	Written examination, 1 hour, 30 mins. 80 marks
Staff Contact	Rebecca Close	r.close@cga.school

Chemistry: International GCSE

Chemistry is the study of matter, its properties, how and why substances combine or separate to form other substances, and how substances interact with energy. The study of Chemistry allows students to understand the

importance of the interactions between molecules at an atomic and subatomic level. The importance of chemistry to slow global warming and build a sustainable world cannot be underestimated.

The study of Chemistry at CGA complements the study of Biology, especially at a senior level, making it compulsory if a student is to pursue a career in Medicine or Veterinary Science. A Level Chemistry is required for Chemical Engineering in many overseas universities.

INTERNATIONAL GCSE CHEMISTRY

School Course Name	Chemistry International GCSE	
Edexcel Course Code	4CH1	
Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Science; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results. International GCSE Chemistry is a prerequisite for IAL Chemistry.	
Course Description:	Both papers examine: Principles of Chemistry which includes: states of matter; elements, compounds and mixtures; atomic structure; the Periodic Table; chemical formulae, equations and calculations; ionic, covalent and metallic bonding and electrolysis. Inorganic Chemistry which includes study of: Group 1 and Group 7; gases in the atmosphere; the reactivity series; extraction and uses of metals, acids, alkalis, titrations and salt preparations; chemical tests. Physical Chemistry which includes: energetics; rates of reaction; reversible reactions and equilibria Organic Chemistry which covers: crude oil, alkanes, alkenes, alcohols, carboxylic acids, esters and synthetic polymers.	
Unit code (W):	Paper 1: 4CH1/1C and 4SD0/1C	Paper 2: 4CH1/2C
Assessment type	Written examination, 2 hours. 110 marks	Written examination, 1 hour 15 minutes; 70 marks
Component descriptors	Principles of Chemistry	Principles of Chemistry
	Inorganic Chemistry	Inorganic Chemistry
	Physical Chemistry	Physical Chemistry
	Organic Chemistry	Organic Chemistry
Weighting	61.1% of the total iGSCE	38.9% of the total iGSCE
Assessment overview	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.	
Staff Contact	Sheryl Husband	s.husband@cga.school

Computer Science, Cambridge: International GCSE

The study of Computer Science allows students to develop their computational thinking skills, understand the main principles of solving problems using computers, explore how computer components interrelate, and consider the advantages and disadvantages of automated and emerging technologies.

The development of practical programming skills, as well as software development principles, is also a key component of the course. At CGA, students will be learning how to solve problems with the Java programming language and VS Code software.

Note: Cambridge examinations can only be sat at CGA's Auckland (NZ) centre or through some private centres such as the British Council

INTERNATIONAL GCSE COMPUTER SCIENCE		
School Course Name	Computer Science International GCSE	
Cambridge Course Code	0478	
Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Computer Science; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.	
Course Description:	Students will gain an understanding of a wide range of theory topics and develop practical programming skills in Java.	
Unit code:	0478/1	0478/2
	Computer Systems	Algorithms, Programming and Logic
Component descriptors	<ul style="list-style-type: none"> • Data representation • Data transmission • Hardware • Software • The Internet and its uses • Automated and emerging technologies 	<ul style="list-style-type: none"> • Algorithm design and problem-solving • Programming • Databases • Boolean logic
Assessment Overview	The paper consists of short-answer and structured questions. Calculators are <u>not</u> permitted in the examination.	The paper consists of short-answer and structured questions, and a scenario-based question. Calculators are <u>not</u> permitted in the examination.
Assessment Type	Written examination, 1 hour 45 minutes, 75 marks	Written examination, 1 hour 45 minutes, 75 marks
Weighting	50%	50%
Staff Contact	Jenny Smith	j.smith@cga.school

Economics: International GCSE

The study of Economics gives an excellent grounding in understanding how markets and economies around the world function and the subsequent impact these have upon individuals. This should help the students think like economists and reflect on the impact of every transaction made globally.

Through the study of Economics students will develop skills, including those relating to analysis, evaluation and quantitative methods. In addition, learners will develop an understanding of the aspects of microeconomics and macroeconomics which are assessed within the qualification in order to develop an enquiring, critical and thoughtful approach to the subject.

As the world's resources are scarce and a sustainable model for our future world is emerging, it is an exciting time to study this subject.

INTERNATIONAL GCSE ECONOMICS		
School Course Name	Economics IGCSE	
Edexcel Course Code	4EC1	
Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Commerce; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.	
Course Description:	The market system Business Economics The government and the economy The global economy	
Unit code (W):	4EC1/01	4EC2/01
Components	Microeconomics and business economics	Macroeconomics and the global economy
Assessment Overview	Four compulsory questions, each worth 20 marks. The sub questions are a mixture of multiple-choice, short-answer, data response and open-ended questions.	Four compulsory questions, each worth 20 marks. The sub questions are a mixture of multiple-choice, short-answer, data response and open-ended questions.
Weighting	50%	50%
Assessment Type	Written examination, 1 hour, 30 minutes. 80 marks	Written examination, 1 hour, 30 minutes. 80 marks
Staff Contact	Rebecca Close	r.close@cga.school

English Language: International GCSE

English Language promotes critical reading, the ability to dissect a text and identify how writers guide, shape or manipulate the reader's response. It requires that students develop independent thinking and research skills to enable an informed understanding of a text, its context and purpose. Students will interact with short texts drawn from international non-fiction, novels, short stories and poetry, learning how language can inspire, persuade, entertain, and provoke debate or reflection.

GCSE English Language offers a structured introduction to language analysis and the 'toolkit' of techniques used by professional writers.

Studying English Language can complement and develop the analytical and writing skills required in other disciplines and the qualification offers an indication of the quality of your communication skills to academic institutions and employers.

INTERNATIONAL GCSE ENGLISH LANGUAGE A		
School Course Name	International GCSE English Language A	
Edexcel Course Code	4EA1	
Recommended Background:	A proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.	
Course Description:	<p>The aims and objectives of this qualification are to enable students to:</p> <ul style="list-style-type: none"> • read a wide range of texts fluently, analysing the writers' choices of language techniques and the impact these techniques have on the reader's response • read critically and use knowledge gained from wide reading to inform and improve their own writing • write effectively and coherently using Standard English appropriately • use grammar correctly, punctuate and spell accurately • acquire and apply a wide vocabulary alongside knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken language • listen to and understand spoken language, and use spoken Standard English effectively. <p>Spoken language will be reported as a separate grade on the student's certificate.</p>	
Component Descriptors	Non-fiction Texts and Transactional Writing	Poetry and Prose Texts and Imaginative Writing
Unit code (W):	EA1/01	EA2/02
Assessment Overview	<p>Section A: Reading – a mixture of short- and long-answer questions related to a nonfiction text from Part 1 of the Pearson Edexcel International GCSE English Anthology and one previously unseen extract. Total of 45 marks.</p> <p>Section B: Transactional Writing – one 45-mark writing task, from a choice of two involving a given audience, form or purpose.</p>	<p>Section A: Reading: one 30-mark essay question on a poetry or prose text from Part 2 of the Pearson Edexcel International GCSE English Anthology.</p> <p>Section B: Imaginative Writing – one 30-mark imaginative writing task from a choice of three</p>
Weighting	60%	40%
Assessment type	Written examination, 2 hours. 15 min 90 marks	Written examination, 1 hour, 30 minutes. 60 marks

Staff Contact	Elise Marlow	e.marlow@cga.school
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English Literature: International GCSE

English Literature promotes the fostering of intellectual curiosity, developing written and critical argumentation along with research skills. Especially at IAS and A level, but also at IGCSE, it requires the student to think for one's self and have an opinion.

Students will interact with international fiction, drama and poetry, to be aware of current literary movements and debates. The range of texts derives from the established literary canon.

Although students relish the intellectual challenge of studying Literature, many past students have found that its diverse subject matter has complimented and furthered their understanding of all other academic disciplines. Medical schools increasingly value the skills students gain from studying English such as the ability to interpret detail and understand the wider narratives of their patients. English is also favoured in many industries, including journalism, media and broadcasting, law, publishing, marketing, advertising or politics.

INTERNATIONAL GCSE ENGLISH LITERATURE

School Course Name	English International GCSE	
Edexcel Course Code	4ET1	
	Grade 5 or better in Pre-IG Stage 2 English Literature; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.	
	International GCSE English Literature is a prerequisite for IAL English Literature..	
Course Description:	The study of English helps us understand our world better. It improves our store of vocabulary, sharpens our grasp of the way language is constructed and used, and helps us express our own thoughts clearly. All of these skills lie right at the heart of any academic study.	
	In English, we use texts in order to achieve the above. These texts might be poems, plays, novels or short stories.	
	The iGCSE course consists of the study of four texts. Each text must be read and understood by all students, if you are to have any chance of success. Your teachers will be helping you in this process. In addition, they will help you with the way you write your thoughts, by providing constructive feedback to you.	
Unit code (W):	4ET1/01 Poetry and Modern Prose	4ET1/02 Modern Drama and Literary Heritage Texts
Assessment Overview	Poetry and Prose (a closed book exam with no texts allowed in the exam) 3 questions: Question 1. Extract poem – you choose from a poem printed on the exam sheet, or from a named selection	Drama (an open book exam = authorised, unannotated texts allowed in the exam) 2 Questions Shakespeare – you choose from 2 questions Modern drama – you choose from 2 options Plays: Shakespeare's 'Macbeth' J.B. Priestley's 'An Inspector Calls'

	<p>Question 2. Unfamiliar poem – you are given a poem you have never seen and are asked to analyse it</p> <p>Question 3. Prose question – choose from 2</p> <p>Poetry: an anthology of 15 from a Pearson Edexcel collection</p> <p>Novel: your teacher will select either: John Steinbeck’s Of Mice and Men or Witi Ihimaera’s The Whale Rider</p>	
Weighting	60%	40%
Assessment type	Written examination, 2 hours. 90 marks	Written examination, 1 hour, 30 minutes. 60 marks
Staff Contact	Elise Marlow	e.marlow@cga.school

Geography: International GCSE

The syllabus is designed to teach learners about the world around them both in terms of traditional Physical Geography; the study of river, coastal and hazardous environments as well as studies in Human Geography looking at a wide ranging topics from energy use, population studies, climate change and migration. Added to this students will begin exploring the basics of Geographic field work and different approaches to studying the natural and human environment around us.

IGCSE ENVIRONMENTAL MANAGEMENT

School Course Name	Geography: IGCSE
Edexcel Course Code	4GE1
Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Global citizenship or Science; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.
Course Aims:	<p>The aims are to enable students to acquire:</p> <ul style="list-style-type: none"> ● apply and build on the fundamental building blocks of geographical knowledge ● actively engage in the process of geographical enquiry to develop as effective and independent learners, and as critical and reflective thinkers with enquiring minds ● develop their knowledge and understanding of geographical concepts and appreciate the relevance of these concepts to our changing world ● develop a framework of spatial awareness in which to appreciate the importance of the location of places and environments at a range of scales ● appreciate that people have different views of, and attitudes to, the world, its environments and its issues ● acquire, develop and apply practical geographical enquiry skills ● undertake geographical investigations that include both primary and secondary data collection, presentation and analysis, drawing conclusions, and evaluating the whole geographical investigation ● develop and apply their learning to the real world through fieldwork

	<ul style="list-style-type: none"> develop their awareness of global issues and recognise the challenges of moving towards a sustainable future. 	
Course Content	The syllabus is divided into two focus areas: Paper 1: looks at Physical Geography with topics such as; River environments, Coastal environments and Hazardous environments. Students will also complete remote fieldwork around one of these topic areas. Paper 2: look at Human Geography and topics such as Economic activity and energy, Rural environments and Urban environments	
Assessment Overview	<p>Paper 1 - Physical geography</p> <p>Two sections. The questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions.</p> <p>Section A: Candidates choose two out of three questions on: river environments, coastal environments, hazardous environments.</p> <p>Section B: Candidates choose one out of three fieldwork-related questions on: river environments, coastal environments, hazardous environments.</p>	<p>Paper 2 - Human geography</p> <p>three sections. The questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions.</p> <p>Section A: Candidates choose two out of three questions on: economic activity and energy, rural environments, urban environments.</p> <p>Section B: Candidates choose one out of three fieldwork-related questions on: economic activity and energy, rural environments, urban environments.</p> <p>Section C: Candidates choose one out of three questions on: fragile environments and climate change, globalisation and migration, development and human welfare.</p>
Assessment Type	Written examination 1 hour 10 minutes 70 marks	Written examination 1 hour 45 minutes 105 marks
Weighting	40%	60%
Staff Contact	Andrew Rugg	a.rugg@cga.school

History: International GCSE

History is a diverse subject in which you will study aspects of politics, economics, society and culture to gain an understanding of the past and how it has shaped the modern world. History also provides and enhances a student's ability to evaluate, debate and reason along with teaching the skills required to write a coherent essay; a must for those planning on entering further education.

History is highly a respected subject for those going on to study the Arts and Humanities but can also complement Science-based courses. History provides an excellent background for careers in politics, law, journalism, accountancy, to name but a few.

INTERNATIONAL GCSE HISTORY

School Course Name	History International GCSE
Edexcel Course Code	4HI1

Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Global Citizenship;; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results	
Course Description:	The IGCSE History course is made up of four separate topics or units of study: Civil Rights in the USA, The Middle East: Conflict, Crisis & Change, The Rise of Nazism in Germany and The Origins & Course of the First World War. The different units are examined separately and focus on differing Historical skill sets. The wide range of units offered by Edexcel means we can change out topics to suit student interest	
Unit code (W):	Unit 1/Paper 1: 4HI1/01	Unit 2/Paper 2: 4HI1/02
Component descriptors	Paper 1: Unit 2/Option 3: Germany: Development of Dictatorship, 1918–45 7. Unit 3/Option 7:: A Divided Union: Civil Rights in the USA, 1945–74	Paper 2: Unit 1/A1 The Origins & Course of the WW1, 1905–18. Unit 4/B2 Changes in medicine, c1848–c1948
Weighting	50%	50%
Assessment overview	Students are assessed through an examination based on their selected depth studies. Students answer two questions, one on each of the depth studies they have studied.	Students are assessed through an examination based on their historical investigation and breadth study in change. Students answer two questions, one question on their historical investigation and one question on their breadth study in change.
Assessment type	Written examination, 1 hour, 30 minutes. 60 marks	Written examination, 1 hour, 30 minutes. 60 marks
Subject Contact	Andrew Rugg	a.rugg@cga.school

Mathematics: International GCSE

Mathematics: Is the study of numbers, shapes and patterns. It informs many branches of science and commerce. Students will gain an understanding of basic arithmetic and algebraic patterns and their use in solving both real-world and theoretical problems.

Statistics and data science is becoming increasingly important in its application in many industries . Our courses will help prepare you for both further studies in mathematics and provide support for you if you intend to major in many other disciplines.

INTERNATIONAL GCSE MATHEMATICS A

School Course Name	International GCSE Mathematics A
Edexcel Course Code	4MA1
Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Mathematics;

	Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.	
	International GCSE Mathematics is a prerequisite for IAL Mathematics.	
Course Description:	Students intending to progress to Mathematics at AS Level, must take this course: two external examinations assessing number, algebra, space, shape and measure and handling data.	
Component Descriptors	Number, Space shape and measure, data handling	Number, Algebra, Space shape and measure, data handling
Unit code (W):	4MA1/1H	4MA1/2H
Assessment Overview	<p>Questions will assume knowledge from the Foundation Tier subject content. Each paper will assess the full range of targeted grades at Higher Tier (9–4).</p> <p>Each paper will have approximately 40% of the marks distributed evenly over grades 4 and 5 and approximately 60% of the marks distributed evenly over grades 6, 7, 8 and 9.</p> <p>There will be approximately 40% of questions targeted at grades 5 and 4, across papers 2F and 2H, to aid standardisation and comparability of award between tiers.</p>	<p>The paper will consist of around 20-25 questions with varying mark allocations per question, which will be stated on the paper.</p> <p>The paper will contain questions from any part of the specification content, and the solution of any questions may require knowledge of more than one section of the specification content.</p> <p>The paper will have approximately 40% of the marks distributed evenly over grades 4 and 5 and approximately 60% of the marks distributed evenly over grades 6, 7, 8 and 9.</p>
Weighting	50%	50%
Assessment Type	Written examination, 2 hours. 100 marks	Written examination, 2 hours. 100 marks
Staff Contact	David Griffiths	d.griffiths@cga.school

Physics: International GCSE

Physics is the study of the motion and behaviour of matter as it passes through space and time. It also draws in the related entities of energy and forces in order to gain clarity about how the universe functions. Students who study Physics will come to understand topics such as nuclear energy, subatomic particles, such as quarks and bosons, forces, waves and electricity. A curiosity about how the universe functions from a subatomic to cosmic level will help students to understand Physics.

Students who want to study Physics above the International GCSE level will certainly be encouraged to study IAS mathematics concurrently as the mathematical requirements for IAS and iAL physics is beyond that of iGCSE level.

Physics is a compulsory requirement for most engineering courses for both domestic and international universities. Physics, however, could also lead to careers in metrology, aeronautical design, nanotechnology and medicine.

School Course Name	Physics International GCSE	
Edexcel Course Code	4PH1	
Recommended Background:	Grade 5 or better in Pre-IG Stage 2 Science; Or, a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results. International GCSE Physics is a prerequisite for IAL Physics.	
Course Description:	Both papers cover the following topics: forces and motion (units, movement and position, forces, movement, shape and momentum); electricity (units, mains electricity, energy and voltage in circuits, electric charge); waves (units, properties of waves, the electromagnetic spectrum, light and sound); energy resources and energy transfers (units, density and pressure, change of state, ideal gas molecules); solids, liquids and gases (units, density and pressure, change of state, ideal gas molecules); magnetism and electromagnetism, radioactivity and particles (units, radioactivity, fission and fusion); astrophysics (units, motion in the universe, stellar evolution, cosmology).	
Unit code (W):	Paper 1: 4PH1/1P and 4SD0/1P	Paper 2: 4PH1/2P
Assessment type	Written examination, 2 hours. 110 marks	Written examination, 1 hour, 15 minutes. 70 marks
Component descriptors	Forces and motion	Forces and motion
	Electricity	Electricity
	Waves	Waves
	Energy resources and energy transfers	Energy resources and energy transfers
	Solids, liquids and gases	Solids, liquids and gases
	Magnetism and electromagnetism	Magnetism and electromagnetism
	Radioactivity and particles	Radioactivity and particles
	Astrophysics	Astrophysics
Weighting	61.1% of the total iGSCE	38.9% of the total iGSCE
Assessment Overview	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.
Staff Contact	Emily Hall	e.hall@cga.school

Psychology GCSE

The Edexcel GCSE in Psychology will introduce you to psychological theories and research within the context of real-life issues, focusing on key questions in society and the work of both classic and contemporary psychologists.

You will gain knowledge and understanding of the key approaches within psychology, such as the Cognitive, Biological, Social, Developmental and Behavioural approaches and focus on key topics of interest within each approach, such as memory, the brain, conformity, infant development and psychological problems such as depression and addiction. In addition, you have the opportunity to study two optional topics that investigate real life applications of psychology, and at CGA we choose to study criminal psychology and language development. Throughout all topics, there is a focus on developing understanding of research methods used in psychology, with plenty of practicals to build skills in data analysis and interpretation.

By the end of the course you will have a broad understanding of the many areas of psychology, which gives you such valuable insight into your own and other's behaviour, together with a solid academic foundation in psychological research that you can build on with A Level Psychology, which can then support numerous career paths such as health, medicine, business and clinical psychology.

NB: Psychology is only available as a domestic GCSE and only in the June examination session. It is not available outside the normal UK time for the exam, so cannot be taken in other timezones such as Australia, New Zealand. As long as students have achieved a satisfactory level during the course, students may advance to AS Psychology without sitting the external examinations and gaining the GCSE qualification.

GCSE PSYCHOLOGY	
School Course Name	GCSE Psychology
Edexcel Course Code	1PS0
Recommended Background:	A proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.
Course Description:	<p>The course consists of 11 topics:</p> <ul style="list-style-type: none"> • Topic 1: Development – How did you develop? • Topic 2: Memory – How does your memory work? • Topic 3: Psychological problems – How would psychological problems affect you? • Topic 4: The brain and neuropsychology – How does your brain affect you? • Topic 5: Social influence – How do others affect you? • Topic 6: Criminal psychology – Why do people become criminals? • Topic 7: The self – What makes you who you are? • Topic 8: Perception – How do you interpret the world around you? • Topic 9: Sleep and dreaming – Why do you need to sleep and dream? • Topic 10: Language, thought and communication – How do you communicate with others? • Topic 11: Research methods – How do you carry out psychological research?
Component Descriptors	<p>The content contains three sections:</p> <p>Section A: Compulsory topics:</p> <ul style="list-style-type: none"> • Students must study Topics 1 -5. These topics will be examined in Paper 1. • The contexts in these topics will also be used in Paper 2 for research methods <p>Section B: Optional topics</p> <ul style="list-style-type: none"> • Students must study two of topics 6-10. The optional topics studied at CGA are Topic 6: Criminal Psychology and Topic 10: language, thought and communication. These topics will be examined in Paper 2.

	Section C: Research methods •Students must study topic 11. •The knowledge and understanding of research methods will be assessed in both papers.	
Unit code (W):	1PS0/01	1PS0/02
Assessment Overview	<p>This paper draws on knowledge and understanding of the compulsory topics from Section A of the content, and investigations from Section C.</p> <p>The paper consists of six sections. Students must answer all questions in each section.</p> <ul style="list-style-type: none"> • The first five sections will contain multiple-choice, short-open and open-response questions. •The sixth section will contain two extended open-response questions. These questions will focus on debates within psychology and the interrelationships between the core areas of psychology. 	<p>Students must answer:</p> <ul style="list-style-type: none"> •All questions from Section A: How do you carry out psychological research? •All questions from two sections – B to F: Optional Topics. <p>This paper contains six sections.</p> <p>The paper will include calculations, multiple-choice, short-open, open-response and extended-writing questions.</p>
Weighting	55%	45%
Assessment Type	Written Examination, 1 hour 45 mins 98 marks	Written Examination, 1 hour 20 minutes 79 marks
Staff Contact	Jessica Jay	j.jay@cga.school

AS Subject List

INTERNATIONAL AS COURSES OFFERED AT CRIMSON GLOBAL ACADEMY

SUBJECT	CODE	EXAMINATION SESSION	
		Full-time Classes	Part-time Classes
Extension Project: EPQ	P301	Various	
Biology	XBI11	October 2026	N/A
Business	XBS	October 2026	N/A
Chemistry	XCH11	October 2026	N/A
Computer Science, Cambridge*	9618	October 2026	N/A
Economics	XEC11	October 2026	N/A
English Language, Cambridge*	9093	October 2026	N/A
English Literature	XET01	January 2027	N/A
English General Paper, Cambridge* (AS only)	8021	October 2026	N/A
History	XHI11	January 2027	N/A
Mathematics	XMA01	October 2026	January 2027
Further Mathematics	XFM01	January 2027	N/A
Physics	XPH11	October 2026	N/A
Psychology	XPS01	January 2027	NA

*** Cambridge International AS - exams can only be sat through CGA Auckland or private centres (e.g. British Council)**

New Zealand and Australian based students will need to take one English subject to at least AS level to meet AUS/NZ University English requirements.

AS Subject Details

For NSW students studying International AS (Year 11 AU equivalent)

In Year 11, students MUST have the equivalent of 12 units across at least 4 Pearson Edexcel or Cambridge subjects (one of which MUST be English).

These are the minimum units required by the NSW Education Standards Authority (NESA). All our A level courses are 3 units of course study

Extended Project Qualification (EPQ): International AS

An additional qualification to extend students beyond their A levels

The Extended Project Qualification (EPQ)	
School Course Name	EPQ
Edexcel Course Code	P301
Recommended Background:	Grade 6 or better in English or History IGCSE or permission from the Head of EPQ.
Course Description:	<p>The EPQ dissertation provides students with the opportunity to develop their knowledge and understanding of a selected topic of their choice. Students are required to formulate their own project questions in order to engage independently with an existing academic debate. The unit requires students to develop essential skills for success in higher education, such as project management, independent research, critical thinking and project evaluation. It is estimated that the dissertation produced will be 5000–6000 words in length.</p> <p>Students are provided with approximately 40 hours of guided learning (both taught skills and personalised supervision) to support their independent research projects. Projects usually take 12-15 months to complete, but students have the opportunity to plan and deliver accelerated projects in agreement with the Head of the EPQ and their project supervisors.</p>
Assessment Type	<p>The EPQ is a non-exam qualification.</p> <p>Completed dissertations are marked and standardised internally before being submitted for external moderation.</p> <p>The portfolio of evidence required for assessment also includes a formal project proposal form, a detailed activity log and an end of project presentation.</p>
Staff Contact	Tim Holden t.holden@cga.school

Biology: International AS

INTERNATIONAL AS BIOLOGY

School Course Name	Biology AS Level		
Edexcel Course Code	XBI11		
Recommended Background:	Grade 6 or better in Biology IGCSE or permission from the Head of Science.		
Course Description:	The AS Biology Course provides a solid base on which to build a deep understanding of Biology. The course consists of 2 units, examined separately, along with a separate practical examination. The first module covers many of the fundamental components underpinning biology including biochemistry, the heart and circulatory system. The second module covers all aspects of the cell and genetics right up to and including biodiversity.		
Unit code (W):	Unit 1: WBI11/01	Unit 2: WBI12/01	Unit 3: WBI13/01
Subject	Molecules, Diet, Transport and Health	Cells, Development, Biodiversity and Conservation	Practical Skills in Biology I
Weighting	40% of the total IAS; 20% of the total IAL	40% of the total IAS; 20% of the total IAL	20% of the total IAS; 10% of the total IAL
Assessment Type	Written examination, 1 hour, 30 minutes. 80 marks	Written examination, 1 hour, 30 minutes. 80 marks	Written examination, 1 hour, 20 minutes. 50 marks
Staff Contact	Jamie Robinson	j.robinson@cga.school	

Business: International AS

INTERNATIONAL AS BUSINESS

School Course Name	Business AS Level	
Edexcel Course Code	XBS11	
Recommended Background:	Success in language rich International GCSE courses or equivalent	
Course Description:	Students are introduced to the market, explore the marketing and people functions and investigate entrepreneurs and business start-up. Students also explore the finance and operations functions, and investigate external influences on business.	
Compulsory Units	Marketing and people	Managing Business Activity
Unit code (W):	Unit WBS11/01	Unit WBS12/01
Component requirements	Meeting customer needs <ul style="list-style-type: none"> • The market • Marketing mix and strategy • Managing people • Entrepreneurs and leaders 	Planning a business and raising finance <ul style="list-style-type: none"> • Financial planning • Managing finance • Resource management • External influences
Assessment overview	Section A: Short and extended-response questions based on sources (30 marks). Section B: Same format as Section A, based on different sources (30 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks)	Section A: Short and extended-response questions based on sources (30 marks). Section B: Same format as Section A, based on different sources (30 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks).
Assessment type	Written examination, 2 hours. 80 marks.	Written examination, 2 hours. 80 marks.
Weighting	50%	50%
Staff Contact	Rebecca Close	r.close@cga.school

Chemistry: International AS

INTERNATIONAL AS CHEMISTRY

School Course Name	Chemistry AS Level		
Edexcel Course Code	XCH11		
Recommended Background:	Grade 6 or better in Chemistry IGCSE or permission from the Faculty Head. It should be noted that good proficiency in Mathematics is required for this course		
Course description	Structure, Bonding and Introduction to Organic Chemistry Energetics, Group Chemistry, Halogenoalkanes and Alcohols. Practical Skills in Chemistry I		
Compulsory Units	All units are compulsory		
Unit code (W):	Unit 1: WCH11/01	Unit 2: WCH12/01	Unit 3: WCH13/01
Component requirements	Unit 1: Writing formulae and equations with calculations involving the amount of substance; Structure of the atom and links to the Periodic Table; Chemical bonding with links to structures; Introduction to Organic chemistry including alkanes and alkenes. There will be a minimum of 18 marks awarded for Mathematics.	Unit 2: Energetics; Forces between molecules; Redox chemistry; Groups 1, 2 and 7; Introduction to kinetics (rates); Equilibria (reversible reactions); Further Organic chemistry, including alcohols, halogenoalkanes and analysis of spectra. There will be a minimum of 18 marks awarded for Mathematics.	To prepare for Unit 3, students are expected to develop experimental skills, and a knowledge and understanding of experimental techniques, by carrying out a range of practical experiments and investigations while they study Units 1 and 2. This unit will assess students' knowledge and understanding of experimental procedures and techniques that were developed in those units. Students will be expected to apply their knowledge and understanding of practical skills to familiar and unfamiliar situations.
Weighting	40% of the total IAS; 20% of the total IAL	40% of the total IAS; 20% of the total IAL	20% of the total IAS; 10% of the total IAL
Assessment overview	The examination for this paper has two sections Section A: multiple choice questions Section B: a mixture of short-open, open-response and calculation questions.	This paper may contain some synoptic questions which require knowledge and understanding from Unit 1. The examination for this paper has three sections. Section A: multiple choice questions. Section B: mixture of short-open, open-response, calculations and extended-writing questions. Section C: contemporary context question.	The examination for this paper is 80 minutes long, with a total of 50 marks. The examination may include short-open, open-response and calculation questions.
Assessment Type	Written Examination, 2 hours. 80 marks	Written examination, 75 minutes. 80 marks	Written examination, 80 minutes. 50 marks
Staff Contact	Sheryl Husband	s.husband@cga.school	

Computer Science, Cambridge: International AS

Note: Cambridge examinations can only be sat at CGA's Auckland (NZ) centre or through private centres such as the British Council

INTERNATIONAL AS COMPUTER SCIENCE		
School Course Name	Computer Science AS Level	
Cambridge Course Code	9618	
Recommended Background	Grade C or higher in Cambridge IGCSE Computer Science, or a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results. A good proficiency in Mathematics is recommended.	
Course Description	<p>The aims of this course are to enable students to develop:</p> <ul style="list-style-type: none"> • computational thinking skills • an understanding of the main principles of solving problems using computers • an understanding of the component parts of computer systems and how they interrelate, including software, data, hardware, communication and people • an understanding of the different methods of communication and the functionality of networks and the Internet • the skills necessary to apply this understanding to develop computer-based solutions to problems. <p>At CGA, students will be learning how to develop programs with the Java programming language and VS Code software.</p> <p>NB: examinations can only be sat at CGA's Auckland (NZ) centre or through private centres such as the British Council.</p>	
Compulsory Units	Theory Fundamentals	Fundamental Problem-Solving and Programming Skills
Unit code	9618/1	9618/2
Component requirements	<ul style="list-style-type: none"> • Information representation • Communication • Hardware • Processor fundamentals • System software • Security, privacy and data integrity • Ethics and ownership • Databases 	<ul style="list-style-type: none"> • Algorithm design and problem-solving • Data types and structures • Programming • Software development
Assessment overview	The paper consists of short-answer and structured questions. All questions are compulsory. Calculators are <u>not</u> permitted in the examination.	The paper consists of short-answer and structured questions. All questions are compulsory. Calculators are <u>not</u> permitted in the examination. All algorithms are to be written in pseudocode.
Assessment type	Written examination: 1 hour 30 minutes 75 marks	Written examination: 2 hours 75 marks
Weighting	50%	50%
Staff Contact	Jenny Smith	j.smith@cga.school

Economics: International AS

INTERNATIONAL AS ECONOMICS		
School Course Name	Economics AS Level	
Edexcel Course Code	XEC11	
Recommended Background:	Success in language-rich subjects at International GCSE or equivalent. Mathematics grade 6 at iGCSE level is required; 20% of the marks assessed in this course are quantitative skills.	
Course Description:	An introduction to the nature of economics, it examines how the price mechanism allocates resources in local, national and global markets. An introduction to the key measures of economic performance and the main objectives and instruments of economic policy in an international context. Students will develop an awareness of trends in the global economy, including a focus on contemporary issues.	
Compulsory Units	Markets in action	Macroeconomics performance and policy
Unit code (W):	Unit WEC11/01	Unit WEC12/01
Component requirements	Content overview: Introductory concepts, Consumer Behaviour and Demand, Supply, Price determination, Market failure, Government intervention in markets	Content overview: Measures of economic performance, AD, AS, National income, Economic growth, Macroeconomic objectives and policies
Assessment Overview	Section A: Six multiple-choice questions (6 marks). Section B: Five short-answer questions (20 marks). Section C: A five-part question, based on data provided in a source booklet (34 marks). Section D: One 20-mark essay question from a choice of two (20 marks).	Section A: Short- and extended-response questions based on sources (30 marks). Section B: Same format as Section A, based on different sources (30 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks).
Assessment Type	Written examination, 1 hour, 45 minutes.	Written examination, 1 hour, 45 minutes.
Weighting	50%	50%
Staff Contact	Rebecca Close	r.close@cga.school

English Language, Cambridge: International AS

Note: as this is a Cambridge course, examinations can only be sat at CGA's examination centre in Auckland (NZ), or through private centres such as the British Council.

INTERNATIONAL AS ENGLISH LANGUAGE

School Course Name	English Language AS Level	
CIE Course Code	9093	
Recommended Background:	English Language IGCSE or English Literature GCSE or permission from the Faculty Head.	
Course Description:	<p>The International Advanced Level English Language course consists of the two IAS units (Units 1 and 2) Students can then continue on to the full A Level by taking the A2 Course (Units 3 and 4)</p> <p>The aims are to enable students to:</p> <ul style="list-style-type: none"> • enjoy the experience of studying English language • develop a critical and informed response to texts in a range of forms, styles and contexts, produced for a variety of audiences • communicate effectively, creatively, accurately and appropriately in their writing • develop the interdependent skills of reading, analysis and research • develop an appreciation of concepts and techniques in the study of English language • build a firm foundation for further study of language and linguistics. 	
Component Descriptors	READING	WRITING
Unit code (W):	9093/1	9093/2
Assessment Overview	<p>Written Paper</p> <p>Candidates answer two compulsory questions: Question 1 in Section A, and Question 2 in Section B.</p> <p>Candidates should be prepared to demonstrate knowledge and understanding of:</p> <ul style="list-style-type: none"> • the conventions of a wide range of written textual forms • the linguistic elements and literary features of texts • the significance of audience in both the design and reception of texts • the ways in which genre, purpose and context contribute to the meaning of texts <p>Examples of texts studied include:</p> <ul style="list-style-type: none"> • advertisements, brochures, leaflets, editorials, news stories, articles, reviews, blogs, investigative journalism, letters, podcasts, (auto)biographies, travel writing, diaries, essays, scripted speech, narrative writing, and descriptive writing <p>Examples of linguistic content include:</p> <ul style="list-style-type: none"> • parts of speech / word classes, vocabulary, figurative language, phonology, morphology, rhetorical devices, voice, aspect, tense, modality, narrative perspective, word 	<p>Written Paper</p> <p>Candidates answer two compulsory questions: Question 1 in Section A, and Question 2 in Section B.</p> <p>Candidates should be prepared to demonstrate knowledge and understanding of:</p> <ul style="list-style-type: none"> • the conventions of a wide range of written textual forms • the significance of audience in both the design and reception of texts • the ways in which genre, purpose and context contribute to the meaning of texts • the linguistic elements and literary features of texts <p>Examples of texts studied include:</p> <ul style="list-style-type: none"> • advertisements, brochures, leaflets, editorials, news stories, articles, reviews, blogs, investigative journalism, letters, podcasts, (auto)biographies, travel writing, diaries, essays, scripted speech, narrative writing, and descriptive writing <p>Examples of linguistic content include:</p> <ul style="list-style-type: none"> • parts of speech / word classes, vocabulary, figurative language, phonology, morphology, rhetorical devices, voice, aspect, tense, modality, narrative perspective, word ordering and sentence structure, paragraph- and text-level structure, formality/informality of tone, pragmatics

	ordering and sentence structure, paragraph- and text-level structure, formality/informality of tone, pragmatics	
Weighting	50%	50%
Assessment Type	Written Examination, 2 hour 15 mins 50 marks	Written Examination, 2 hours 50 marks
Staff Contact	Keli Sheblom	k.sheblom@cga.school

English Literature: International AS

INTERNATIONAL AS ENGLISH LITERATURE		
School Course Name	English Literature AS Level	
Edexcel Course Code	XET01	
Recommended Background:	Grade 6 or better in English Literature IGCSE or a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results	
Course Description:	The study of English helps us understand our world better. It improves our store of vocabulary, sharpens our grasp of the way language is constructed and used, and helps us express our own thoughts clearly. All of these skills lie right at the heart of any academic study.	
	In English, we use texts in order to achieve the above. These texts might be poems, plays, novels or short stories.	
	At AS, we build on the skills honed at International GCSE. The study of texts is more detailed, and we expect a deeper understanding of the text and the way it has been written. We now expect you to begin to see works of literature from different perspectives.	
	A pass at AS is required as the Literacy component for entry to a New Zealand university.	
	The AS course consists of the study of four texts. Each text must be read and understood by all students, if you are to have any chance of success. Your teachers will be helping you in this process. In addition, they will help you with the way you write your thoughts, by providing constructive feedback to you.	
Compulsory Units	Poetry and prose	Plays
Unit code (W):	WET01/01	WET02/01
Component requirements	Poetry and Prose (an open book exam = authorised, unannotated texts are allowed in the exam)	Unit 2: Drama (an open book exam = authorised, unannotated texts allowed in the exam)
	2 questions:	2 questions:

	Poetry – you select one of two questions and write a comparison of two poems of your choice	Shakespeare – you choose from 2 questions
	Prose – you select one of two questions	Modern drama – you choose from 2 options
Weighting	50%	50%
Assessment Type	Written examination, 2 hours. 50 marks	Written examination, 2 hours. 50 marks
Staff Contact	Keli Sheblom	k.sheblom@cga.school

English General Paper, Cambridge: International AS (AS Only)

Note: as this is a Cambridge course, examinations can only be sat at CGA's examination centre in Auckland (NZ), or through private centres such as the British Council.

INTERNATIONAL AS ENGLISH General Paper		
School Course Name	English General Paper AS Level	
CIE Course Code	8021	
Recommended Background:	English Language IGCSE or English Literature GCSE or permission from the Faculty Head.	
Course Description:	<p>The International Advanced Level English General course consists of the two IAS units (Units 1 and 2) There is no A2 level and this cannot lead to a full A Level Qualification. It is aimed at students who require a SENIOR level English for university entrance and/or domestic education regulations (NZ and AUS)</p> <p>The aims and objectives of these qualifications are to enable students to:</p> <ul style="list-style-type: none"> • develop understanding and use of English language in the context of contemporary topics • encourage and appraise a broad range of topics • develop a wider awareness and knowledge of contemporary issues through reading • develop independent reasoning skills • develop the skills of interpretation, analysis, evaluation and persuasion • develop skills in writing structured and developed arguments, and present reasoned explanations • develop the ability to present a point of view clearly, and consider and reflect upon those of others. 	
Component Descriptors	Language Topics Essay	Reading Comprehension
Unit code (W):	8021/1	8021/2
Assessment Overview	<p>Written Paper</p> <p>There are 10 essay questions in total on a range of topics. Candidates choose one question.</p>	<p>Written Paper</p> <p>Candidates must answer all questions in each of the two sections on the paper. The sections consist of a range of sub-questions.</p>

	<p>There are three topics and the paper has questions from each topic.</p> <p>1. Economic, historical, moral, political and social</p> <p>2. Science, including its history, philosophy, ethics, general principles and applications; environmental issues; technology and mathematics</p> <p>3. Literature, language, the arts, crafts, and the media</p> <p>Candidates will develop the ability to analyse data, interpret information and offer key points.</p> <ul style="list-style-type: none"> • 30 marks AO1, AO2, AO3 assessed. 	<p>These include questions which require short answers and more extended answers which require responses of up to 120 words.</p> <p>In Section A, candidates are required to explain and interpret the information provided in the material to show understanding. They are also required to respond by writing a persuasive text that expresses an opinion and justifies a conclusion.</p> <p>In Section B, candidates are required to demonstrate the ability to read for detailed understanding at word, sentence and paragraph level. They are required to demonstrate understanding of how language features are used in a variety of styles and registers. Candidates are assessed on how they analyse and evaluate the material to show an awareness of the strengths and weakness of different kinds of information presented. They are required to identify and analyse inference.</p>
Weighting	50%	50%
Assessment Type	Written Examination, 1 hour 15 mins 30 marks	Written Examination, 1 hour 45 mins 50 marks
Staff Contact	Keli Sheblom	k.sheblom@cga.school

History: International AS

INTERNATIONAL AS HISTORY		
School Course Name	History AS Level	
Edexcel Course Code	XHI01	
Recommended Background:	Grade 6 or above in History IG or equivalent or a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results	
Course Description:	The AS/IAL History course is made up of four separate topics, or units of study, with two completed for AS and a further two for IAL. Core content will cover either France or Russia in Revolution for Unit 1 and India, from The Raj to Partition for Unit 2. The different units are examined separately and focus on differing historical skill sets. The wide range of units offered by Edexcel means we can change out topics to suit student interest	
Unit code (W):	Unit WHI01/01	Unit WHI02/01
Component requirements	Paper 1: Russian in Revolution 1881-1917	Paper 2: India, 1857–1948: The Raj to Partition * Dependant of staff specialism

Assessment overview	Students must answer two 25-mark essay questions from a choice of four. Essay questions assess understanding of the period in depth (AO1) and the ability to analyse and evaluate historical interpretations (AO3).	Students answer two questions: one from Section A and one from Section B. A source booklet is provided for Section A. Section A comprises one compulsory question in two parts, which assesses the ability to analyse and evaluate two sources (AO2). Section B comprises a choice of three essays, which assess understanding of the period in depth (AO1).
Weighting	50%	50%
Assessment Type	Written examination, 2 hours. 50 marks	Written examination, 2 hours. 50 marks
Staff Contact	Andrew Rugg	a.rugg@cga.school

Mathematics: International AS

INTERNATIONAL AS MATHEMATICS			
School Course Name	Mathematics AS Level		
Edexcel Course Code	XMA01		
Recommended Background:	Grade 6 or better in Mathematics International GCSE or a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results		
Course Description:	Students intending to progress to Mathematics at A Level, must take this course: Pure Mathematics topics Algebra, Calculus, Coordinate Geometry, Sequences and Series, Trigonometry. Statistics topics Data Representation, Introduction to Expectation Algebra, Correlation and Regression, Normal Distribution		
Compulsory Units	P1: Pure 1	P2: Pure 2	S1: Statistics 1
Unit code (W):	WMA11	WMA12	WST01
Component descriptors	Mathematics: Pure Maths P1 Algebra and functions; coordinate geometry in the (x, y); trigonometry; differentiation; integration.	Mathematics: Pure Maths P2 Proof; algebra and functions; coordinate geometry in the (x, y) plane; sequences and series; exponentials and logarithms; trigonometry; differentiation; integration.	Mathematics: Statistics S1 Mathematical models in probability and statistics; representation and summary of data; probability; correlation and regression; discrete random variables; discrete distributions; the Normal distribution.
Assessment overview	Students must answer all questions.		
Weighting	33 ⅓ %	33 ⅓ %	33 ⅓ %

Assessment Type	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks
Staff Contact	David Griffiths	d.griffiths@cga.school	

Further Mathematics: International AS

The initial pathway to a Further Mathematics AS is to complete IG Mathematics to the highest level. In order to gain an IAS in Further Mathematics students must also gain an IAS in Mathematics. For most students, this means that it is necessary to study Mathematics and Further Mathematics concurrently. Therefore students who wish to study IAS Further Mathematics must also select IAS Mathematics. It is recommended that students who are considering studying IAS Further Mathematics discuss their suitability with their iGCSE Mathematics teacher or the Head of Mathematics. All decisions regarding admission to IAS Further Mathematics will be made in consultation with the school's academic advisors.

INTERNATIONAL AS FURTHER MATHEMATICS			
School Course Name	Further Mathematics AS Level		
Edexcel Course Code	XFM01		
Recommended Background:	Grade 8 or better in Mathematics International GCSE and permission from Faculty Head		
Course Description:	Students intending to progress to Further Mathematics at A Level, must take this course in conjunction with AS Mathematics. Further Pure 1 will build on units Pure 1 and Pure 2 which are studied in AS Mathematics. The balance of the course is made of two applied units, Mechanics 1 and Decision 1.		
Compulsory Units	FP1: Pure 1	M1: Mechanics 1	D1: Decision Mathematics 1
Unit code (W):	WFM01/01	WME01/01	WDM11/01
Component descriptors	Complex numbers; roots of quadratic equations; numerical solution of equations; coordinate systems; matrix algebra; transformations using matrices; series; proof.	Mathematical models in mechanics; vectors in mechanics; kinematics of a particle moving in a straight line; dynamics of a particle moving in a straight line or plane; statics of a particle; moments.	Algorithms; algorithms on graphs; critical path analysis; linear programming.
Assessment overview	Students must answer all questions.		
Weighting	33 ⅓ %	33 ⅓ %	33 ⅓ %
Assessment Type	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks

Staff Contact	David Griffiths	d.griffiths@cga.school
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Physics: International AS

INTERNATIONAL AS PHYSICS			
School Course Name	Physics AS Level		
Edexcel Course Code	XPH11		
Recommended Background:	Grade 6 or better in Physics IGCSE, as well as grade 5 in IGCSE Mathematics, or a proven ability to be successful in this course of study as determined by school reports or satisfactory entrance test results.		
Course Description:	Mechanics, materials, waves, electricity are studied enabling a strong development of practical skills		
Compulsory Units	All units are compulsory		
Unit code (W):	Unit 1: WPH11/01	Unit 2: WPH12/01	Unit 3: WPH13/01
Component requirements	<p>Mechanics (rectilinear motion, forces, energy and power and may be studied using applications that relate to mechanics such as sports)</p> <p>Materials (density, flow of liquids, Hooke's law, the Young modulus and elastic strain energy) This topic is studied using a variety of applications, for example making and testing food, engineering materials, spare-part surgery for joint replacement. The unit includes many opportunities for developing experimental skills and techniques by carrying out more than just the core practical experiments. The examination for this unit may include multiple-choice, short-open, open-response, calculations and extended-writing questions. There will be a minimum of 32 marks awarded for mathematics.</p>	<p>Waves and the particle nature of light: This topic may be studied using applications that relate to electricity, for example space technology and to waves, for example medical physics. This topic also enables students to develop practical and mathematical skills. It also covers the properties of different types of waves, including standing waves. Refraction, polarisation and diffraction are also included and the wave/particle nature of light.</p> <p>Electric currents: This topic covers the definitions of various electrical quantities. It will be studied using applications such as space technology.</p> <p>The examination for this unit may include multiple-choice, short-open, open-response, calculations and extended-writing questions. There will be a minimum of 32 marks awarded for mathematics.</p>	<p>Students will be assessed on their ability to plan an experiment. Students are expected to develop experimental skills, and a knowledge and understanding of experimental techniques. This unit will assess students' knowledge and understanding of experimental procedures and techniques that were developed when they conducted these experiments. . The examination for this unit may include short-open, open-response, calculations and extended-writing questions. There will be a minimum of 20 marks awarded for mathematics.</p>
Weighting	40% of the total IAS; 20% of the total IAL	40% of the total IAS; 20% of the total IAL	20% of the total IAS; 10% of the total IAL
Assessment Type	Written examination, 1 hour, 30 minutes. 80 marks	Written examination 1, hour, 30 minutes. 80 marks	Written examination, 1 hour, 20 minutes. 50 marks
Staff Contact	Emily Hall	e.hall@cga.school	

Psychology: International AS

INTERNATIONAL AS PSYCHOLOGY		
School Course Name	Psychology AS Level	
Edexcel Course Code	XPS01	
Recommended Background:	Grade 5 or above in 3 International GCSE subjects or equivalent.	
Course Description:	<p>Unit 1:</p> <p>Social Psychology: students will study why people may blindly obey an order from an authority figure and the affects others have on behaviour, including majority and minority influence.</p> <p>Cognitive Psychology: students will learn theories and studies regarding how short and long-term memories are processed and how memories may become distorted. Students will also learn about the influence of brain injury on memory.</p> <p>Unit 2:</p> <p>Biological Psychology: students will study biological factors that affect the development of aggression such as the role of different brain areas, hormones and genetics, including the brain abnormalities of murderers. Additionally, students will learn about the regulatory effects of body rhythms, such as the sleep-wake cycle, and how they influence behaviour.</p> <p>Learning Theories and Development: students will study the influence of the environment on behaviour, including classical and operant conditioning, and how this knowledge is used successfully in therapy. Additionally, students will learn about Freud's psychosexual stages and the role of the unconscious in the development of personality.</p> <p>Throughout the course there is an emphasis on how science works, including statistical analysis and research methods.</p>	
Unit code (W):	Unit 1: WPS01/01	Unit 2: WPS02/01
Components	Social and Cognitive psychology	Biological psychology, Learning theories and Development
Assessment Overview	<p>Students answer all questions from three sections:</p> <p>Section A: Social psychology, totals 26 marks and comprises short-answer questions and one eight-mark extended open-response question.</p> <p>Section B: Cognitive psychology, totals 26 marks and comprises short-answer questions and one eight-mark extended open-response question.</p> <p>Section C: Comprises one 12-mark extended open-response question on either social or cognitive psychology.</p>	<p>Students answer all questions from three sections:</p> <p>Section A: Biological psychology, totals 34 marks and comprises short-answer questions and one eight-mark extended open-response question.</p> <p>Section B: Learning theories and development, totals 34 marks and comprises short answer questions and one eight-mark extended open-response question.</p> <p>Section C: Comprises one 12-mark and one 16-mark extended open-response question. The 12-mark question covers either biological psychology or learning theories and development and the 16-mark question</p>

		covers both biological psychology, and learning theories and development.
Assessment Type	Written examination 1 hour, 30 minutes. 64 marks	Written examination 2 hours. 96 marks
Weighting	40%	60%
Staff Contact	Jessica Jay	j.jay@cga.school

A-Level Subject List

INTERNATIONAL AL COURSES OFFERED AT CRIMSON GLOBAL ACADEMY

SUBJECT	CODE	EXAMINATION SESSION	
		Full-time Classes	Part-time classes
Extension Project: EPQ	P301	Various	
Biology	YBI11	October 2026	N/A
Business	YBS11	October 2026	N/A
Chemistry	YCH11	October 2026	January 2027
Computer Science, Cambridge	9618	October 2026	N/A
Economics	YEC11	October 2026	N/A
English Language, Cambridge*	9093	October 2026	N/A
English Literature	YET01	January 2027	N/A
Further Mathematics	YFM01	January 2027	N/A
History	YHI11	January 2027	N/A
Mathematics	YMA01	October 2026	January 2027
Physics	YPH11	October 2026	January 2027
Psychology	YPS01	January 2027	N/A

*** Cambridge International AL - exams can only be sat at CGA's centre in Auckland (NZ) or through private centres (e.g. British Council)**

For NSW students studying International A2 (Year 12 AU equivalent)

In Year 12, students MUST have the equivalent of 10 units.

These are the minimum units required by the NSW Education Standards Authority (NESA). All our A level courses are 3 units of course study

Extended Project Qualification (EPQ)

An additional qualification to extend students beyond their A levels

The Extended Project Qualification (EPQ)	
School Course Name	EPQ
Edexcel Course Code	P301
Recommended Background:	Grade 6 or better in English or History IGCSE or permission from the Head of EPQ. The EPQ can be taken alongside AS or A2 examined subjects during the first or the second year of A Level studies.
Course Description:	The EPQ dissertation provides students with the opportunity to develop their knowledge and understanding of a selected topic of their choice. Students are required to formulate their own project questions in order to engage independently with an existing academic debate. The unit requires students to develop essential skills for success in higher education, such as project management, independent research, critical thinking and project evaluation. It is estimated that the dissertation produced will be 5000–6000 words in length. Students are provided with approximately 40 hours of guided learning (both taught skills and personalised supervision) to support their independent research projects. Projects usually take 6-9 months to complete, but students have the opportunity to plan and deliver accelerated projects in agreement with the Head of the EPQ and their project supervisors.
Assessment Type	The EPQ is a non-exam qualification. Completed dissertations are marked and standardised internally before being submitted for external moderation. The portfolio of evidence required for assessment also includes a formal project proposal form, a detailed activity log and an end of project presentation.
Staff Contact	Tim Holden t.holden@cga.school

Biology: A Level

INTERNATIONAL A LEVEL BIOLOGY

School Course Name	Biology A Level		
Edexcel Course Code	YBI11		
Recommended Background:	C grade in AS Biology units		
Course Description:	This qualification consists of six externally-examined units. The International Advanced Level consists of the three IAS units (Units 1, 2 and 3) plus three IA2 units (Units 4, 5 and 6). Students wishing to take the International Advanced Level must, therefore, complete all six units.		
Compulsory Units	Energy, Environment, Microbiology and Immunity	Respiration, Internal Environment, Coordination and Gene Technology	Practical Skills in Biology II
Unit code (W):	WBI14/01	WBI15/01	WBI16/01
Component requirements	<ul style="list-style-type: none">• Energy Flow, Ecosystems and the Environment• Microbiology, Immunity and Forensics	<ul style="list-style-type: none">• Respiration, Muscles and the Internal Environment• Coordination, Response and Gene Technology	Students are expected to further develop the experimental skills and the knowledge and understanding of experimental techniques they acquired in Units 1 and 2, by carrying out a range of practical experiments and investigations while they study Units 4 and 5. This unit will assess students' knowledge and understanding of the experimental procedures and techniques that were developed in Units 1, 2, 4 and 5.
Weighting	20%	20%	10%
Assessment Type	Written examination 1 hour 45 minutes 90 marks	Written examination 1 hour 45 minutes 90 marks	Written examination 1 hour 20 minutes 50 marks
Staff Contact	Jamie Robinson	j.robinson@cga.school	

Business: International A Level

INTERNATIONAL A LEVEL BUSINESS

School Course Name	Business A Level
Edexcel Course Code	YBS11
Recommended Background:	C grade in AS Business units

Course Description:	<p>International Advanced Level Business consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4).</p> <p>Students develop an understanding of current global issues that impact on business, preparing them for their next steps in today's global world. Students are encouraged to contextualise theory and respond to real-life international business case studies and stimulus material.</p> <p>The IA2 units progress from functions to strategy, enabling students to develop their understanding of the core concepts and to take a strategic view of business opportunities and issues. Students analyse corporate objectives and strategy against financial and non-financial performance measures and how businesses grow, and develop an understanding of the impact of external influences. The unit also covers the causes and effects of change and how businesses mitigate risk and uncertainty. Students develop an understanding of the globally competitive environment and consider the ethical and moral dimensions of global business activities.</p>	
Component Descriptors	Business decisions and strategy	Global business
Unit code (W):	WBS13/01	WBS14/01
Component Content	<ul style="list-style-type: none"> • Business objectives and strategy • Business growth • Decision-making techniques • Influences on business decisions • Assessing competitiveness • Managing change 	<ul style="list-style-type: none"> • Globalisation • Global markets and business expansion • Global marketing • Global industries and companies (multinational corporations)
Assessment overview	<p>Section A: Short & extended-response questions, based on sources (40 marks).</p> <p>Section B: One 20-mark essay question, based on one or more sources (20 marks).</p> <p>Section C: One 20-mark essay question, based on one or more sources (20 marks).</p>	<p>Section A: Short and extended-response questions, based on sources (40 marks).</p> <p>Section B: One 20-mark essay question, based on one or more sources (20 marks).</p> <p>Section C: One 20-mark essay question, based on one or more sources (20 marks)</p>
Assessment type	Written examination, 2 hours. 80 marks.	Written examination, 2 hours. 80 marks.
Weighting	25%	25%
Staff Contact	Rebecca Close	r.close@cga.school

Chemistry: International A Level

INTERNATIONAL A LEVEL CHEMISTRY	
School Course Name	Chemistry A Level
Edexcel Course Code	YCH11
Recommended Background:	C grade in AS Chemistry units
Course Description:	The International Advanced Level consists of the three IAS units (Units 1, 2 and 3) plus three IA2 units (Units 4, 5 and 6). Students wishing to take the International Advanced Level must, therefore, complete all six units.

Compulsory Units	Rates, Equilibria and Further Organic Chemistry		
Unit code (W):	WCH14/01	WCH15/01	WCH15/01
Component requirements	Kinetics • Entropy and Energetics • Chemical Equilibria • Acid-base Equilibria • Organic Chemistry: Carbonyls, Carboxylic Acids and Chirality	Redox Equilibria • Transition Metals and their Chemistry • Organic Chemistry: Arenes • Organic Nitrogen Compounds: Amines, Amides, Amino Acids and Proteins • Organic Synthesis	Students are expected to further develop the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 (tests for anions and cations, gases and organic functional groups) by carrying out a range of practical experiments and investigations while they study Units 4 and 5. This unit will assess students' knowledge and understanding of the experimental procedures and techniques that were developed in Units 4 and 5.
Weighting	20%	20%	10%
Assessment Type	Written examination 1 hour 45 minutes 90 marks	Written examination 1 hour 45 minutes 90 minutes	Written examination 1 hour 20 minutes 50 marks
Staff Contact	Sheryl Husband	s.husband@cga.school	

Computer Science, Cambridge: International A Level

Note: Cambridge examinations can only be sat at CGA's Auckland (NZ) centre or through private centres such as the British Council

INTERNATIONAL A LEVEL COMPUTER SCIENCE	
School Course Name	Computer Science A Level
Cambridge Course Code	9618
Recommended Background	Grade C or above in AS Computer Science units
Course Description	<p>The aims of this course are to extend student understanding of:</p> <ul style="list-style-type: none"> • searching algorithms • sorting algorithms • structure and storage of data in computer systems • algorithms related to AI • different programming paradigms • computer architecture • security measures • how electronic hardware works

	<ul style="list-style-type: none"> • protocols used on different types of network <p>At CGA, students will be extending their Java programming skills in VS Code with the object-oriented programming paradigm.</p> <p>NB: examinations can only be sat at CGA's Auckland (NZ) centre or through private centres such as the British Council.</p> <p>NB: Paper 4 is a practical programming paper. Students will be using a computer and VS Code to write Java programs for a range of scenarios.</p>	
Compulsory Units	Advanced Theory	Practical
Unit code	9618/3	9618/4
Component requirements	<ul style="list-style-type: none"> • Data Representation • Communication and Internet Technologies • Hardware and Virtual Machines • System Software • Security • Artificial Intelligence (AI) 	<ul style="list-style-type: none"> • Computational Thinking and Problem-Solving • Further Programming
Assessment overview	The paper consists of short-answer and structured questions. All questions are compulsory. Calculators are <u>not</u> permitted in the examination.	The paper consists of a series of tasks that require answers to be written in Java code. Students submit their program code and evidence of testing via a digital document. A computer will be provided by CGA's Auckland (NZ) centre. Students sitting elsewhere via the British Council will need to organise this. Personal laptops may not be used in the examination.
Assessment type	Written examination: 1 hour 30 minutes 75 marks	Practical examination: 2 hours 30 minutes 75 marks
Weighting	25% plus 25% from AS theory	25% plus 25% from AS programming
Staff Contact	Jenny Smith	j.smith@cga.school

Economics: International A Level

INTERNATIONAL A LEVEL ECONOMICS	
School Course Name	Economics A Level
Edexcel Course Code	YEC11
Recommended Background:	C grade in AS Economics units
Course Description:	International Advanced Level Economics consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4).

	<p>The iA2 units develop the knowledge and skills gained in iAS. Students will analyse and evaluate the pricing and output decisions of firms in different contexts, and understand the role of competition in business decision making. They should also be capable of making an appraisal of government intervention aimed at promoting competitive markets.</p> <p>The application, analysis and evaluation of economic models is developed, as well as an ability to assess policies that might be used to deal with economic problems. Students will build an awareness of trends in the global economy over the last 40 years, including contemporary issues.</p>	
Compulsory Units	Business Behaviour	Developments in the global economy
Unit code (W):	WEC13/01	WEC14/01
Component Descriptors	<ul style="list-style-type: none"> • Types and sizes of businesses • Revenue, costs and profits • Market structures and contestability • Labour markets • Government intervention 	<ul style="list-style-type: none"> • Causes and effects of globalisation • Trade and the global economy • Balance of payments, exchange rates and international competitiveness • Poverty and inequality • The role of the state in the macroeconomy • Growth and development in developing, emerging and developed economies
Assessment Overview	<p>Section A: Six multiple-choice questions (6 marks).</p> <p>Section B: A five-part question, based on data provided in a source booklet (34 marks).</p> <p>Section C: Two 20-mark essay questions from a choice of three (40 marks).</p>	<p>Section A: Six multiple-choice questions (6 marks).</p> <p>Section B: A five-part question, based on data provided in a source booklet (34 marks).</p> <p>Section C: Two 20-mark essay questions from a choice of three (40 marks).</p>
Assessment type	Written examination, 2 hours. 80 marks.	Written examination, 2 hours. 80 marks.
Weighting	25%	25%
Staff Contact	Rebecca Close	r.close@cga.school

English Language, Cambridge: International A Level

Note: as this is a Cambridge course, examinations can only be sat at CGA's examination centre in Auckland (NZ), or through private centres such as the British Council.

INTERNATIONAL A2 ENGLISH LANGUAGE	
School Course Name	English Language A2 Level
CIE Course Code	9093
Recommended Background:	Grade C or above in AS Cambridge English Language

Course Description:	<p>Students MUST have completed AS English Language 9093 Units 1 and 2</p> <p>The aims are to enable students to:</p> <ul style="list-style-type: none"> • enjoy the experience of studying English language • develop a critical and informed response to texts in a range of forms, styles and contexts, produced for a variety of audiences • communicate effectively, creatively, accurately and appropriately in their writing • develop the interdependent skills of reading, analysis and research • develop an appreciation of concepts and techniques in the study of English language • build a firm foundation for further study of language and linguistics. 	
Component Descriptors	Language Analysis	Language Topics
Unit code (W):	9093/3	9093/4
Assessment Overview	<p>Written Paper</p> <p>Candidates answer two questions: one compulsory question from Section A, and one question from a choice of three in Section B.</p> <p>SECTION A : LANGUAGE CHANGE</p> <p>In Section A learners will explore how English has continually adapted to reflect changes in the social, cultural, political and technological contexts in which it has been used. Learners will explore the causes and consequences of language change in English, developing their knowledge of the topic through research, analysis, and an understanding of conventional methods of presenting historical language data. Candidates should be prepared to demonstrate knowledge and understanding of:</p> <ul style="list-style-type: none"> • the chronology and essential features of the development of the English language from Early Modern English to Contemporary English Examples: graphology, orthography, phonology, morphology, syntax, lexis, semantics, pragmatics, grammar • concepts and terminology related to language change • etymology, derivation, inflection, telescoping, coalescence, acronym, conversion, compounding, backformation, blending, borrowing, amelioration, pejoration, broadening, narrowing • theories and theorists of language change • random fluctuation theory, cultural transmission theory, theory of lexical gaps, substratum theory, functional theory, tree and wave models 	<p>Written Paper</p> <p>Candidates answer two compulsory questions each on a separate topic area: Question 1 in Section A, and Question 2 in Section B.</p> <p>Section A: English in the world</p> <p>In Section A, learners will explore the history of English as a ‘global’ language; the development of standard and nonstandard forms of English, including the varieties used by first-language users outside the UK; and ethical considerations related to the continuing expansion of English usage around the world.</p> <p>Candidates should be prepared to demonstrate knowledge and understanding of theories, theorists and studies relating to:</p> <ul style="list-style-type: none"> • the historical development of English as a ‘global’ language such as: colonialism, cultural influence and effects, concentric circles model, multilingualism, the future of English • varieties of English • standard and nonstandard ‘Englishes’, such as creolisation, sociolect continuum, official and unofficial attitudes and policies • relevant ethical considerations such as language shift and death, cultural imperialism, equality of opportunity, global cooperation <p>SECTION B: LANGUAGE AND THE SELF</p> <p>In Section B, learners will explore how language allows us to communicate our sense of self to others, as well as playing a highly significant role in the ongoing construction, determination and development of that self. Learners will study the degree to which language is innate, learned, or both; the ways in which language and thought are both interwoven with, and separable from, each</p>

	<ul style="list-style-type: none"> • n-gram graphs representing changes in language use over time • comparisons of related words, parts of speech, inflections, collocations <p>SECTION B: CHILD LANGUAGE ACQUISITION</p> <p>In Section B, learners will explore the stages of early development (0–8 years) in child language acquisition, considering the various features and functions of spoken language use during this period, and familiarising themselves with a range of relevant theories, theorists and conventions within the field.</p> <p>Candidates should be prepared to demonstrate knowledge and understanding of:</p> <ul style="list-style-type: none"> • the main stages of early development in child language acquisition Examples: <ul style="list-style-type: none"> • babbling, holophrastic, telegraphic and post telegraphic stages • the different functions of children’s language <ul style="list-style-type: none"> • instrumental, regulatory, interactional, personal, representational, heuristic, imaginative • theories and theorists of child language acquisition <ul style="list-style-type: none"> • imitation and reinforcement theory, language acquisition device, language acquisition support system, cognitive development theory, child-directed or caretaker speech • the conventions and features of unscripted conversation and spoken language transcripts 	<p>other; and how we use language, both consciously and unconsciously, to construct and maintain social identities.</p> <p>Candidates should be prepared to demonstrate knowledge and understanding of theories, theorists and studies relating to:</p> <ul style="list-style-type: none"> • innateness and learning such as behaviourism, innatism, nativism, empiricism • the relationship between language and thought • linguistic relativity and determinism, universalism, language of thought hypothesis • the relationship between language and social identity explored in speech communities, prestige, idiolect, dialect, sociolect, genderlect, variation, standard and nonstandard features, inclusion and exclusion, speech sounds and accents
Weighting	50% (25% of A Level)	50% (25% of A Level)
Assessment Type	Written Examination, 1 hour 15 mins 30 marks	Written Examination, 1 hour 45 mins 50 marks
Staff Contact	Keli Sheblom	k.sheblom@cga.school

English Literature: International A Level

INTERNATIONAL A2 ENGLISH LITERATURE

School Course Name	English Literature A Level
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Edexcel Course Code	YET01	
Recommended Background:	C grade in English Literature units	
Units (W):	WET03/01	WET04/01]
Units	Poetry and prose	Shakespeare and Pre-1900 Poetry
Unit Description:	Post-1900 unseen poetry; two prose fiction texts, from a choice of three texts, covering one theme (choice of four themes.)]	One Shakespeare text from a choice of four, one specified collection of pre-1900 poems from one literary movement, from a choice of three.
Assessment Overview	<ul style="list-style-type: none"> Open book examination Section A: Poetry • Students answer one essay question on a post-1900 unseen poem. • 20 marks, AO1 and AO2 are assessed. Section B: Prose • Students answer one comparative essay question, from a choice of two, on their two chosen texts from their chosen theme. • 30 marks, AO1, AO2, AO3 and AO4 are assessed. 	Open book examination. Section A: Shakespeare • Students answer one essay question from a choice of two on their chosen text. • 25 marks, AO1, AO2, AO3 and AO5 are assessed. Section B: Pre-1900 Poetry • Students answer one essay question from a choice of two on their chosen movement. • 25 marks, AO1, AO2, AO3 and AO5 are assessed.
Assessment Type	Written examination: 2 hours 50 marks	Written examination: 2 hours. 50 marks
Weighting	25%	25%
Staff Contact	Keli Sheblom	k.sheblom@cga.school

History: International A Level

INTERNATIONAL A LEVEL HISTORY		
School Course Name	History A Level	
Edexcel Course Code	YHI01	
Recommended Background:	C grade in AS History units	
Unit code (W):	WHI03/01	WHI04/01
Component overview	The USA, Independence to Civil War, 1763–1865	The World Divided: Superpower Relations, 1943–90 .
Assessment overview	Students answer two questions: one from Section A and one from Section B. A source booklet is provided for Section A. Section A comprises one compulsory essay, which assesses source analysis and evaluation skills	Students answer two questions: one from Section A and one from Section B. A source booklet is provided for Section A. Section A comprises one compulsory question, which assesses the ability to evaluate contrasting interpretations of the period

	(AO2). Section B comprises a choice of two essays, which assess the ability to evaluate the significance of historical explanations of the period in breadth (AO1).	studied (AO1) and (AO3). Section B comprises a choice of two essays, which assess understanding of the period in depth (AO1).
Weighting	25%	25%
Assessment Type	Written examination, 2 hours. 50 marks	Written examination, 2 hours. 50 marks
Staff Contact	Andrew Rugg	a.rugg@cga.school

Mathematics: A Level

INTERNATIONAL A LEVEL MATHEMATICS			
School Course Name	Mathematics A Level		
Edexcel Course Code	YMA01		
Recommended Background:	C grade in AS Mathematics units		
Course Description:	Algebra and functions; trigonometry; exponentials and logarithms; differentiation; integration; numerical methods. Proof; algebra and functions; coordinate geometry in the (x, y) plane; binomial expansion; differentiation; integration; vectors. The Binomial and Poisson distributions; continuous random variables; continuous distributions; samples; hypothesis tests.		
Compulsory Units	P3: Pure Mathematics 3	P4: Pure Mathematics 4	S2: Statistics 2
Unit code (W):	WMA13/01	WMA14/01	WST02/01
Component requirements	Algebra and functions; trigonometry; exponentials and logarithms; differentiation; integration; numerical methods.	Proof; algebra and functions; coordinate geometry in the (x, y) plane; binomial expansion; differentiation; integration; vectors.	The Binomial and Poisson distributions; continuous random variables; continuous distributions; samples; hypothesis tests.
Weighting	16 ⅔ %	16 ⅔ %	16 ⅔ %
Assessment Type	External examination 1 hour 30 minutes 75 marks	External examination 1 hour 30 minutes 75 marks	External examination 1 hour 30 minutes 75 marks
Staff Contact	David Griffiths	d.griffiths@cga.school	

Further Mathematics: International AL

In order to gain an IAL in Further Mathematics students must also gain an IAL in Mathematics. For most students, this means that it is necessary to study Mathematics and Further Mathematics consecutively or concurrently. Therefore students who wish to study IAL Further Mathematics must also select IAL Mathematics, and should have already completed both Mathematics IAS and Further Mathematics IAS.

INTERNATIONAL A Level FURTHER MATHEMATICS			
School Course Name	Further Mathematics A Level		
Edexcel Course Code	YFM01		
Required Background:	C grade in AS Further Mathematics units		
Course Description:	Students intending to take AL Further Mathematics, must take this course in conjunction with AL Mathematics, or have already completed AL Mathematics. Further Pure 2 and two Mechanics modules, Mechanics 2 and Mechanics 3 will build on the AS Further Mathematics units previously studied		
Compulsory Units	FP2: Further Pure 2	M2: Mechanics 2	M3: Mechanics 3
Unit code (W):	WFM02/01	WME02/01	WME03/01
Component descriptors	Inequalities; series; further complex numbers; first order differential equations; second order differential equations; Maclaurin and Taylor series; Polar coordinates.	Kinematics of a particle moving in a straight line or plane; centres of mass; work and energy; collisions; statics of rigid bodies.	Further kinematics; elastic strings and springs; further dynamics; motion in a circle; statics of rigid bodies.
Assessment overview	Students must answer all questions.		
Weighting	16 ⅔ %	16 ⅔ %	16 ⅔ %
Assessment Type	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks
Staff Contact	David Griffiths	d.griffiths@cga.school	

Physics: A Level

INTERNATIONAL A LEVEL PHYSICS	
School Course Name	Physics A Level
Edexcel Course Code	YPH11

Recommended Background:	C grade in AS Physics units		
Course Description:	Further Mechanics, Electric and Magnetic Fields, Nuclear and Particle Physics, Thermodynamics, Nuclear Decay, Oscillations, Astrophysics and Cosmology. Students are expected to further develop the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 by carrying out a range of practical experiments and investigations while they study Units 4 and 5.		
Compulsory Units	Further Mechanics, Fields and Particles	Thermodynamics, Radiation, Oscillations and Cosmology	Practical Skills in Physics II
Unit code (W):	WPH14/01	WPH15/01	WPH16/01
Component requirements	Further Mechanics • Electric and Magnetic Fields • Nuclear and Particle Physics	Thermodynamics • Nuclear Decay • Oscillations • Astrophysics and Cosmology	Students are expected to further develop the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 by carrying out a range of practical experiments and investigations while they study Units 4 and 5. This unit will assess students' knowledge and understanding of the experimental procedures and techniques that were developed in Units 4 and 5.
Weighting	20%	20%	10%
Assessment Type	Written examination 1 hour 45 minutes 90 minutes	Written examination 1 hour 45 minutes 90 minutes	Written examination: 1 hour 20 minutes
Staff Contact	Emily Hall	e.hall@cga.school	

Psychology: International A Level

INTERNATIONAL A LEVEL PSYCHOLOGY

School Course Name	Psychology A Level	
Edexcel Course Code	YPS01	
Recommended Background:	C grade in AS Psychology units	
Course Description:	This qualification consists of four externally-examined units. The International Advanced Level consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4). Students wishing to take the International Advanced Level must, therefore, complete all four units.	
Unit code (W):	WPS03/01	WPS04/01
Compulsory Units	Applications of Psychology	Clinical Psychology and Psychological Skills
Content Overview	<p>Unit 3:</p> <p>Topic E: Developmental psychology: Students will learn about theories of attachment and the influence of early childhood experiences on later development, including cross-cultural differences. Students will also study different types of child development including cognitive, language, social and emotional.</p> <p>Topic F: Criminological psychology (required option topic): Students will gain an understanding of the different explanations for crime and anti-social behaviour, including psychological formulation to understand the offender, and the use of treatments as therapy for offenders. Students will also learn about factors that influence the identification of offenders, including jury decision making and the reliability of eye-witness testimony.</p>	
	<p>Unit 4:</p> <p>Topic H: Clinical psychology: Students will learn about how mental illness is diagnosed and will study two mental health disorders in detail: schizophrenia and unipolar depression. Students will also study different types of therapy including drug therapy, cognitive behaviour therapy (CBT) and family therapy.</p> <p>Topic I: Psychological skills: This is a synoptic section in which students will draw together concepts, theories and studies from the four units and apply them to issues in society. Areas include the role of nature and nurture in development, the use of psychological knowledge to control individuals in society and the issue of whether psychology should be considered a science.</p> <p>Throughout the course there is an emphasis on how science works, including statistical analysis and research methods.</p>	
Assessment Overview	<p>Unit 3: Students answer all questions from section A and all questions from their option choice in section B. Each separate section totals 32 marks and comprises short-answer questions and two 8-mark extended open response questions.</p>	<p>Unit 4: Students answer all questions from five sections A to E: Section A and B: Clinical psychology: totals 48 marks and comprises short-answer questions (A) and one 16 mark question (B). Section C, D and E: Psychological Skills: totals 48 marks and comprises 20 marks on research methods (C), one 8 mark response on a key question (D) and one 20-mark synoptic question based on issues and debates (E).</p>

Assessment type	Unit 3: Written examination. 1 hour 30 minutes, 64 marks	Unit 4: Written examination. 2 hours, 96 marks
Weighting	40%	60%
Staff Contact	Jessica Jay	j.jay@cga.school
