THE BRITISH SCHOOL OF GRAN CANARIA



SUMMARY OF SUBJECT CONTENT

KEY STAGE 5 Y12-Y13

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ART

The students will be working on their own personal projects. They must select their own starting points, produce observational images, research Artists and Art movements, experiments and develop materials, refine their chosen processes and designs, and produce final pieces. Final pieces for the Coursework projects can be produced over any period of time and the students do not require supervision. Final pieces for the exam project at the end of Y12 need to be produced under supervision during a 15h exam. In Y13 the students will produce one large scale coursework project on A2. They also produce a written investigation related to the coursework 1500 words. The students are expected to design every aspect of their own projects and should be able to work independently.

Topic List Y12		
Term 1	Term 2	Term 3
o Coursework Project	 Externally Set 	0
	Assignment	
Topic List Y13		
Term 1	Term 2	Term 3
 Personal Investigation 	 Personal Investigation 	0

BIOLOGY

The International Advanced Level in Biology aims to:

- enable students to develop their interest in Biology and how different areas of Biology relate to each other
- appreciate how society makes decisions about Biology-related issues and how Biology contributes to the success of the economy and society,
- develop a deeper appreciation of the skills, knowledge and understanding of how Science works.

The syllabus includes inspiring topics that include current scientific developments, and motivating practical work. Experiments cover a range of different topic areas and require the use of a variety of different practical techniques.

It is not compulsory to study Chemistry alongside A Level Biology, although a good understanding of Chemistry is very useful to help understand the biochemical elements of the Biology course.

Top	oic List Y12				
	Term 1		Term 2		Term 3
Uni	t 1	Unit	t 2	0	Revision
0	Biochemistry of common	0	Eukaryotic and prokaryotic		
	molecules		cells		
0	Cardiovascular disease	0	Stem cell research		
	(CVD)	0	Cell differentiation		
0	Lifestyle factors affecting	0	Plant transport		
	CVD	0	Uses of plant material		
0	Protein-synthesis	0	Habitats, niches and		
0	DNA replication		adaptation		
0	Inheritance and inherited	0	Measures of biodiversity		
	disease	0	Extinction, sustainability		
0	Practical investigation skills		and conservation		
	(Unit 3)	0	Practical investigation		
			skills (Unit 3)		

Тор	ic List Y13				
	Term 1		Term 2		Term 3
Ur	nit 4	Unit	:5	0	Revision
0	Biochemistry of	0	Biochemistry of		
	photosynthesis		respiration		
0	Direct indicators and proxy	0	Muscle contraction		
	indicators of climate	0	Homeostasis		
	change	0	Plant hormones,		
0	Impact of climate change		germination and flowering		
0	Plant succession	0	Brain structure and		
0	DNA profiling		function		
0	Viral and bacterial	0	Nerve structure and		
	infection		function		
0	Forensic science	0	Effect of chemicals on		
0	Practical investigation skills		brain function		
	(Unit 6)	0	Effect of genes and the		
			environment on		
			development and learning		
		0	Genetic engineering		

BUSINESS

A Level Business enables students to understand and appreciate the nature and scope of business, and the role it plays in society. The units delivered cover economic, environmental, ethical, governmental, legal, social and technological issues, and encourage a critical understanding of organisations, the markets they serve and the process of adding value. Students will study different business concepts and strategies in relation to their own country and in an international context. The skills and theory of strategic management will be thoroughly explored as will motivational theories, economic activities and project management. The AS course builds on the work done at IGCSE and builds on the work done at AS Level. The curriculum is outlined below:

Topic List Y12		
Term 1	Term 2	Term 3
 Business and its 	Marketing:	 Finance and accounting:
environment:	 The nature of marketing 	 Business finance
o Enterprise	 Market research 	 Sources of finance
 Business structure 	 The marketing mix 	o Costs
 Size of business 	Operations management:	 Forecasting and managing
 Business objectives 	 The nature of operations 	cash flows
 Stakeholders in a business 	 Capacity utilisation and 	Budgets
O Human resource	outsourcing	o Exam preparation and
management:	 Inventory management 	revision
 Management 		
 Motivation 		
o Human resource		
management		

To	pic L	<u>ist Y13</u>						
		Term 1			Term 2			Term 3
0	Bu	siness and its	0	M	arketing:	0	Fir	nance and accounting:
	en	vironment:		0	Marketing analysis		0	Financial statements
	0	Business strategy		0	Marketing strategy		0	Analysis of published
	0	External influences on	0	Op	perations management:			accounts
		business activity		0	Operations strategy		0	Investment appraisal
0	Hu	man resource		0	Location and scale		0	Finance and accounting
	ma	anagement:		0	Quality management			strategy
	0	Human resource						
		management strategy						
	0	Leadership						
	0	Organisational						
		structure						
	0	Business						
		communication						

CHEMISTRY

Edexcel International Advanced Level: IAS (XCH01) and IAL (YCH01)

The course aims to develop:

- * an interest in chemistry
- * an appreciation of scientific issues and their impact on the economy and society
- * an understanding of How Science Works
- * knowledge and understanding of the subject.

The course requires students to:

- * recall and show understanding of scientific knowledge
- * select, organise and communicate information
- * analyse and evaluate scientific information
- * apply scientific knowledge and processes to unfamiliar situations
- * assess the validity, reliability and credibility of information.

Topic L	ist Y12				
	Term 1		Term 2		Term 3
0	Formulae, equations	0	Energetics	0	Revision
	and amount of	0	Intermolecular forces		
	substance	0	Redox chemistry and		
0	Atomic structure and		groups 1, 2 and 7		
	the periodic table	0	Introduction to kinetics		
0	Bonding and structure		and equilibria		
0	Introductory organic	0	Organic chemistry:		
	chemistry and alkanes		halogenoalkanes,		
0	Alkenes		alcohols and spectra		

Topic I	<u>ist Y13</u>				
	Term 1		Term 2		Term 3
0	Kinetics	0	Redox equilibria	0	Revision
0	Entropy and energetics	0	Transition metals and		
0	Chemical equilibria		their chemistry		
0	Acid-base equilibria	0	Organic chemistry:		
0	Organic chemistry:		arenes		
	carbonyls, carboxylic	0	Organic nitrogen		
	acids and chirality		compounds: amines,		
0	Spectroscopy and		amides, amino acids		
	chromatography		and proteins		
		0	Organic synthesis		

ENGLISH LITERATURE

English Literature is an academically rigorous subject that mirrors university study and refines the students' craft as academic writers. The curriculum is diverse as pupils study a range of pre-1900 and post-2000 poetry, prose and drama. The course encourages pupils to read widely and independently. They will be expected to engage critically and creatively with the reading material and develop and effectively apply their knowledge of literary analysis and evaluation. This course will allow them to explore the contexts of the texts they are reading and others' interpretations of them and undertake independent and sustained studies to deepen their appreciation and understanding of English literature, including its changing traditions. During the course, students learn new knowledge whilst simultaneously developing a range of soft skills which enable students to:

- read widely and independently
- engage critically and creatively with a substantial body of texts and develop ways of responding to them
- develop and effectively apply their knowledge of literary analysis and evaluation
- explore the contexts of the texts they are reading and others' interpretations of them
- undertake independent and sustained studies to deepen their appreciation and understanding of English literature, including its changing traditions
- learn to partake in intellectual debates
- learn to plan, refine and craft a written argument.

Topic I	List Y12				
	Term 1		Term 2		Term 3
0	Prose – The Kite Runner	0	Post-2000 poetry	0	Revision
0	Modern drama – A		collection		
	Streetcar Named Desire	0	Shakespeare - Othello		
Topic I	List Y13				
	Term 1		Term 2		Term 3
0	Prose – comparative	0	Prose – comparative	0	Unseen poetry
	paper - Frankenstein		paper - The Handmaid's		
0	Pre-1900 Romantic		Tale		
	poetry	0	Shakespeare - Hamlet		

FRENCH

A-level French builds upon your existing knowledge gained at GCSE. The emphasis of the A-level language course focuses on improving communication through different means as well as being able to use it in a variety of situations, developing key skills areas.

The course has been designed to give students a profound understanding of French. Not only will they develop their grammar and vocabulary but also their understanding of how people live and use language on a day-to-day basis.

The course aims to develop an interest in, and enthusiasm for, language learning. It is hoped that by the end of the course your child will be able to communicate confidently and effectively in the language, for a range of purposes.

Topic List Y12

Term 1 Term 2 Term 3

- Youth matters (Family relationships and friendships, Peer pressure and role models, Music and fashion, Technology and communication)
- Lifestyle, health and fitness (Food and diet, Sport and exercise, Health issues, Urban and rural life)
- Environment and travel (Tourism, travel and transport, Natural disasters and weather, Climate change and its impact, Energy, pollution and recycling)
- Education and employment (Education systems and types of schooling, Pupil/student life, Volunteering and internships, Jobs and unemployment)

Exam revisions

Tο	nic	List	Y13

Term 1

Term 2

Term 3

Exam revisions

- MAI 68
- <u>Technology in the</u>
 <u>French-speaking world</u>
 (Scientific advances,
 Technological innovations,
 Impact on life and
 environment)
- Ethics in the French-speaking world (Linked to technologies ar progress)
- Current affairs

 Society in the Frenchspeaking world
 (Migration, Equality,

Politics, Customs)

- Ethics in the Frenchspeaking world (Beliefs, Law and order, Moral issues (e.g. euthanasia, adoption, genetic modification)
- Current affairs

GEOGRAPHY

The course will enable students to be inspired by their geographical understanding, to engage critically with real world issues and places, and to apply their geographical knowledge, theory and skills to the world around them. Students will grow as independent thinkers and as informed and engaged citizens, who understand the role and importance of geography as one of the key disciplines relevant to understanding the world's changing peoples, places and environments. Students will study discrete Human and Physical elements both in Year 12 and Year 13. The course is challenging and incorporates skills such as data interpretation and manipulation, evaluative essays and the critical ability to make connections between the sciences and humanities subjects.

Topic List Y12

system.

Term 1 Term 2 Term 3

Population

Demographic transition.

Geomorphology Natural increase as a component

The drainage basin of population change.

Discharge relationships Population resource

within drainage basins. management.

and landforms. increase.

Hydrology and Fluvial

The human impact. • Migration

Atmosphere and Migration as a component of

weather population change.

Diurnal energy budgets. Internal migration.

The global energy budget. International migration.

Weather processes and A case study of international

phenomena. migration.

The human impact. • Settlement Dynamics

• Rocks and weathering Changes in rural settlements.

Plate tectonics. Urban trends and issues of

Weathering and rocks. urbanisation.

Slope processes. The changing structure of urban

The human impact. settlements.

The management or urban

settlements.

Full, timed exam practice.

Topic List Y13	

Term 1 Term 2 Term 3

Global interdependence

• Coastal Environments • Environmental management Full, timed exam practice.

Coastal processes Sustainable energy supplies.

Characteristics and The management of energy

formation of coastal supplies.

landforms. Environmental degradation.

Coral Reefs. The management of a degraded

Sustainable management environment.

astamasie management environmen

·

Hazardous Trade flows and trading patterns.

Environments International debt and

Hazards resulting from international aid.

tectonic processes. The development of

Hazards resulting from international tourism.

mass movement. The management of

Hazards resulting from international tourism.

atmospheric disturbances.

Sustainable management

of hazardous environments.

of coasts.

GERMAN

Students at this level are expected to understand the main ideas of complex text and spoken language about both concrete and abstract topics; interact with a degree of fluency and spontaneity that makes interaction possible without strain; produce clear, detailed text on a wide range of subjects; and explain a viewpoint on a topical issue, giving the advantages and disadvantages of various options. Students will be expected to communicate formally and informally in a range of contexts and to understand a wider range of texts and styles than they can produce themselves.

Topic I	<u>ist Y12</u>				
	Term 1		Term 2	To	erm 3
0	Youth matters (Family	0	Environment and travel	0	Revision
	relationships and friendships,		(Tourism, travel and transport,		and
	Peer pressure and role models,		Natural disasters and weather,		exam
	Music and fashion, Technology		Climate change and its impact,		preparat
	and communication)		Energy, pollution and recycling)		ion
0	Lifestyle, health and fitness	0	Education and employment		
	(Food and diet, Sport and		(Education systems and types		
	exercise, Health issues, Urban		of schooling, Pupil/student life,		
	and rural life)		Volunteering and internships,		
			Jobs and unemployment)		
Topic I	<u>ist Y13</u>				
	Term 1		Term 2	To	erm 3
0	Term 1 Society in the German-	0	Term 2 Technology in the German-	• To	erm 3 Revision
0		0			
0	Society in the German-	0	Technology in the German-		Revision
0	Society in the German- speaking world (Migration,	0	Technology in the German- speaking world (Scientific		Revision and
	Society in the German- speaking world (Migration, Equality, Politics, Customs)	0	Technology in the German- speaking world (Scientific advances, Technological		Revision and exam
	Society in the German- speaking world (Migration, Equality, Politics, Customs) Ethics in the German-speaking	0	Technology in the German- speaking world (Scientific advances, Technological innovations, Impact on life and		Revision and exam preparat
	Society in the German- speaking world (Migration, Equality, Politics, Customs) Ethics in the German-speaking world (Beliefs, Law and order,		Technology in the German- speaking world (Scientific advances, Technological innovations, Impact on life and environment)		Revision and exam preparat
	Society in the German- speaking world (Migration, Equality, Politics, Customs) Ethics in the German-speaking world (Beliefs, Law and order, Moral issues (e.g. euthanasia,		Technology in the German- speaking world (Scientific advances, Technological innovations, Impact on life and environment)		Revision and exam preparat
0	Society in the German- speaking world (Migration, Equality, Politics, Customs) Ethics in the German-speaking world (Beliefs, Law and order, Moral issues (e.g. euthanasia, adoption, genetic modification)	0	Technology in the German- speaking world (Scientific advances, Technological innovations, Impact on life and environment) Current affairs		Revision and exam preparat
0	Society in the German- speaking world (Migration, Equality, Politics, Customs) Ethics in the German-speaking world (Beliefs, Law and order, Moral issues (e.g. euthanasia, adoption, genetic modification) Current affairs	0	Technology in the German- speaking world (Scientific advances, Technological innovations, Impact on life and environment) Current affairs Research Based Essay:		Revision and exam preparat
0	Society in the German- speaking world (Migration, Equality, Politics, Customs) Ethics in the German-speaking world (Beliefs, Law and order, Moral issues (e.g. euthanasia, adoption, genetic modification) Current affairs Research Based Essay:	0	Technology in the German- speaking world (Scientific advances, Technological innovations, Impact on life and environment) Current affairs Research Based Essay:		Revision and exam preparat

HISTORY

Students begin their A Level History course with an in-depth study of Germany from 1918 to 1945;, an era that oversaw a change from a democratic experiment into an oppressive dictatorship with worldwide consequences. Students consider how far this period was characterised by significant social, cultural, economic and political change. Students then contemplate a broad sweep of Russian history, from the cataclysmic revolution of 1917 to the equally seismic fall of the Berlin Wall and the breakup of the Russian empire in 1990 and assess how far Russia changed during this period. In year 13 students study the defining element in international relations since 1945; the Cold War and are encouraged to analyse the differing historical interpretations advanced by Historians to explain its outbreak, intensity and partial resolution. Finally, students study the continuingly pertinent issue of race relations in the U.S.A. and the extent to which people of colour were 'free at last' by 2009.

Topic List Y12					
	Term 1		Term 2		Term 3
0	Germany, 1918-1945	0	Russia, 1917-1991.	0	Social developments
0	Weimar Germany - The		From Lenin to Yeltsin.		1917-1991.
	Democratic Experiment	0	Communist		
	1918-1929		government in the		
0	The Rise of the Nazis		USSR, 1917-1991		
	1929-1933	0	Industrial and		
0	Nazi Germany 1933-		agricultural change,		
	1939		1917-1991.		
0	Germany at War 1939-	0	Control of the people,		
	1945		1917-1991		

Topic List Y13

Term 1

- The World Divided.
 Superpower Relations,
 1943-1990.
- Historical interpretations. What explains the outbreak and development of the Cold War in the years 1943-1953?
- Conciliation and confrontation, 1953-1964.
- Stalemate and détente, 1964-1979.
- Renewed confrontation and resolution, 1980-1990.

Term 2

- Civil Rights and Race
 Relations in the USA,
 1865-2009.
- Free at last! 1865-1877.
- The triumph of "Jim Crow, 1883-1900.
- Roosevelt and race relations 1933-1945.
- I have a dream, 1954-1968.

Term 3

Race relations and
 Obama's campaign for
 the presidency, 2000 2009.

COMPUTER SCIENCE

Data Representation

Learners will follow the syllabus of the Cambridge exam board and is increasingly becoming a popular subject at university.

It is envisaged that learners will use the skills and knowledge of computer science acquired through this course in one of three ways:

- to provide a general understanding and perspective of the development of computer technology and systems, which will inform their decisions and support their participation in an increasingly technologically dependent society
- to provide the necessary skills and knowledge to seek employment in areas that use computer science
- to develop their knowledge and understanding of computer science through entry to higher education, where this qualification will provide a useful foundation for further study of computer science or more specialist aspects of computer science.

Topic List Y12					
	Term 1		Term 2		Term 3
0	Information	0	Database and data	0	Introduction to
	Representation		modelling		programming
0	Communication and	0	Systems software	0	Practise exam
	internet technologies	0	Security and data		questions
0	Ethics and Ownership		integrity		
0	Processor				
	Fundamentals				
Topic List Y13					
	Term 1		Term 2		Term 3
0	Programming	0	Communication and	0	Computational thinking
0	Software development		internet technologies		and problem solving

continued

Systems software

continued

Security

o Algorithm design

Further programming

MATHEMATICS

The AS and A level course aims to:

- develop an understanding of coherence and progression in mathematics and of how different areas of mathematics can be connected
- recognise how a situation may be represented mathematically and understand the relationship between 'real-world' problems and standard and other mathematical models and how these can be refined and improved
- acquire the skills needed to use technology such as calculators and computers effectively,
 recognise when such use may be inappropriate and be aware of limitations
- develop an awareness of the relevance of mathematics to other fields of study, to the world of work and to society in general
- take increasing responsibility for their own learning and the evaluation of their own mathematical development.

Topic List Y12

Term 1 Term 2 Term 3

- Pure Maths 1S
 - o Algebra and functions; o Mathematical models in
 - Coordinate geometry
 - in the (x, y) plane;
 - Trigonometry;
 - Differentiation;
 - Integration.
- Pure Maths P2
 - o Proof
 - Algebra and functions;
 - Coordinate geometry
 - in the (x, y) plane;Sequence & series
 - Exponentials &
 - logarithms

- Statistics 1
 - Mathematical models in probability and statistics;
 - Representation and summary of data; probability;
 - Correlation and regression;
 - Discrete random variables;
 - Discrete distributions;
 - o The Normal distribution.

Revision & Exams

Topic List Y13				
Term 1		Term 2		Term 3
Pure Maths P3	0	Mechanics 1	0	Revision & Exams
 Algebra and functions; 	0	Mathematical models in		
Trigonometry;		mechanics;		
Exponentials &	0	Vectors in mechanics;		
logarithms	0	Kinematics and dynamics of a		
 Differentiation; 		particle moving in a straight		
Integration;		line;		
 Numerical methods. 	0	Statics of a particle;		
Pure Maths P4	0	Moments.		
o Proof				
 Algebra and functions; 		Or		
 Coordinate geometry 				
in the (x, y) plane;	•	Decision Maths D1		
Binomial expansion	•	Algorithms		
 Differentiation 	•	Algorithms on graphs		
 Integration 	•	Critical path analysis		
o Vectors	•	Linear Programming		

MUSIC

Cambridge International AS and A Level Music learners develop an appreciation of, and an informed critical response to, music of the Western tradition from at least two genres and periods.

Learners discover how to listen attentively and responsively to develop a better musical understanding as well as learning to communicate this understanding in an essay manner.

As part of the course, learners are encouraged to develop their own creative and interpretative skills through the disciplines of composing and performing in Western and/or non-Western traditions.

Topic List Y12 (9483)

Listening.

Pupils will study the following works this year (2023)

Section A- Compositional Technique and Performance Practice (35 marks)

Johann Sebastian Bach- Violin Concerto in A minor

George Frideric Handel- Water Music, Movements 1,5 and 8.

Section B- Understanding Music (35 marks) Myths and Legends

Edvard Greig-Peer Gynt Suite, No 2

Nikolai Rimsky Korsakov- Scheherazade Symphonic Suite for Orchestra Op 35

Claude Debussy- La Cathedrale engloutie from Preludes Book 1, No 10

Section C (30)

Open Essay writing covering an array of musical contexts.

Practical Musicianship

Practical (60 marks)

A musical performance consisting of 2 contrasting pieces between 6-10 minutes in duration.

Composition (40 marks)

2 short contrasting compositions (1-2 minutes)

Pupils will choose coursework options and areas of study due to their skill set.

A Level candidates will choose two of the following.

Component 3- Extended performance. (100 marks)

Component 4- Extended composition. (100 marks)

Component 5- Investigating Music. (100 marks)

PHYSICAL EDUCATION

In A Level Physical Education you will learn about:

- The diverse nature of sport.
- The interdependence of various areas of sport and physical education.
- Sporting success and failure.
- How athletes need to adapt physically and mentally to the changing sports environment.
- Investigating the impact of technology and commercialism on participation and performance.
- How to refine and analyse your own performance.
- How to make decisions about what to do in your own fitness and training.

The course consists of **four** components:

- **Component 1** you will learn about the physiological and biomechanical workings of the body. You will be introduced to the anatomical make-up of a performer and how this works alongside training, nutrition and recovery to impact performance.
- **Component 2** you will develop knowledge of the psychological and social principles that underpin physical education and sport. You will explore the role that sports psychology has in facilitating optimal sporting performance of an individual athletes
- **Component 3** you will develop your practical skills in the role of either a player or a coach. You will demonstrate a range of skills, tactics and strategies or compositional ideas while under pressure, in both a conditioned practice and a formal/competitive situation.
- Component 4 you will undertake an independent study to complete a Performance Analysis and a resulting Performance Development Programme (PDP) in your chosen sport as a performer or coach and sports teams.

Y12 A Level Topic list						
	Term 1		Term 2		Term 3	
0	Applied Anatomy and	0	Applied Anatomy and	0	Exercise Physiology	
	Physiology		Physiology	0	Skill Acquisition	
0	Skill Acquisition	0	Skill Acquisition			
<u>Y13 A I</u>	Y13 A Level Topic list					
	Term 1		Term 2		Term 3	
0	Biomechanics of	0	Sport and Society	0	Revision and	
	Movement	0	Skill Acquisition		examination practice	
0	Sports Psychology			0	Coursework and	
0	Skill Acquisition				practical completed	

PHYSICS

Students progress from GCSE Science to:

- sustain and develop their interest in physics and its applications
- develop an understanding of the link between theory and experiment
- improve their skills in the design and execution of experiments
- gain essential knowledge and understanding in physics
- learn about applications of physics and engineering in the wider world

Practical work is undertaken regularly, and there is room for students to develop their own investigations. The study of Physics requires strong mathematical skills, so it is beneficial (but not mandatory) to study A Level Mathematics with Physics.

mandatory) to study A Level Mathematics with Physics.					
Topic I	List Y12				
	Term 1		Term 2		Term 3
Mechanics		Electri	city	Revision	
•	Graphs of motion	•	Potential divider		
•	Suvat equations	•	Sensing and control		
•	Projectiles		circuits		
•	Drag & terminal	Waves	& Light		
	velocity	•	Wavefronts and rays		
•	Work end energy	•	Wave properties		
•	Power	•	Stationary waves		
Mater	ials	•	Reflection, refraction,		
•	Fluid flow		total internal reflection		
•	Hooke's law	•	Diffraction		
•	Stress, strain, Young	•	Phase, polarization,		
	modulus		Doppler effect		
•	Material properties	•	Electromagnetic		
Electri	Electricity		spectrum		
•	Series and parallel	•	Photoelectric effect		
	circuits	•	Solar cells		
•	Charge, current, e.m.f.,				
	resistance				
•	Superconductivity				

Topic List Y13

Term 1	Term 2	Term 3
Further Mechanics	Oscillations	Revision
Momentum	Simple harmonic	
Circular Motion	motion	
Electricity & Magnetism	Damping	
 Field shapes 	 Resonance 	
Coulomb's Law	Nuclear Physics	
 Capacitors 	 Alpha and beta decay 	
Motor effect	 Gamma emission 	
 Electromagnetic 	 Fission and fusion 	
induction, Lenz's law	 Nuclear equations 	
 Generators, 	Thermal Physics	
transformers	 Temperature scales 	
Particle Physics	 Heat transfer 	
Atomic structure	 Specific heat capacity 	
Particle accelerators	 Internal energy 	
Particle detectors	 Gas laws 	
Standard model	Astrophysics	
Particle interactions &	 Gravitational fields 	
equations	 Stefan's law, spectra, 	
	Wien's law	
	 Stellar classification 	
	 Hertzsprung Russell 	
	Diagram	
	 Hubble's law 	
	• Fate of universe, dark	
	matter	

A2 SPANISH (IAL SPANISH)

Students taking this A2 subject will sit the exam at the end of Year 12. In Unit 1, students must answer orally a series of questions on a general topic area of their choice. In Unit 2, listening, reading, grammar and writing are assessed. Unit 3 is another oral exam in which students defend a stance on an issue of their choice. Finally, Unit 4 involves the study of a literary text set by Edexcel. This exam is taken as an opportunity to engage students in further reading and in providing pupils with opportunities to increase their knowledge and awareness of current affairs. Both oral units take place in April/May.

Topic List Y12 Term 3 Term 1 Term 2 o **UNIT 4:** Estudio de una **UNIT 2:** Técnicas y o UNIT 2: Técnicas y obra literaria. Prácticas prácticas de examen. prácticas de examen. de creación textual. UNIT 1/UNIT 3: o UNIT 4: Práctica de Preparación de las examen. unidades orales del examen. Seguimiento de prensa y de temas de actualidad. Investigación de dos de las áreas indicadas en el temario oficial.