

YEAR 13

Curriculum Outline

2009/10



King's College
The British School of Alicante

Year 13 Curriculum 2009/10

Enclosed in this booklet are the curriculum outlines for Year 13. It is intended to inform you of the content of the Curriculum followed by your son/daughter. In Year 13 students complete their two-year A2 and Spanish courses. These are examined externally, either by Cambridge International or Edexcel International Examination boards.

The British School of Alicante has a Curriculum which fulfils the requirements of the U.K. Curriculum as well as the compulsory elements of the Spanish LOGSE Curriculum.

Optional Subjects

Option A

Applied ICT	6	Mr. Wicks
Art	6	Miss. Gina Parry
Biology	6	Mr. Roberts

Option B

Business Studies	6	Mr. Thomas
Chemistry	6	Mrs. Sam Collingwood
History	6	Mr. Birrel

Option C

English	6	Miss. Welsh
Geography	6	Miss. Turton

Option D

English Language	7	Mr. Slater
French	7	Miss. Maire
Mathematics	7	Mr. Wall

Other Studies

Lengua	4	Sr. Esteban
Spanish A2	6	Sra. Castro
Valenciano	2	Sra. Guió
Dibujo Técnico	2	Sra. Vila
Matemáticas	3	Sra. Vila
Geografía	4	Sr. Francisco
Literatura	3	Sr. Esteban
Physical Education	2	Mrs. Goode / Mr. Nutter
Careers	2 – 7	Mrs. Fisher
PSHE	1	Mrs. Fisher

English

Introduction & Aims

Students will study an Edexcel English Language course. They will prepare for Unit 3 - 'Language Diversity and Children's Language Development' which is examined in January and Unit 4 which is the coursework component. Unit 3 is worth 30% of the A Level course and Unit 4 20%.

Unit 3 is a linguistic based course where students will need to apply what they learnt last year to a variety of texts. For part of their preparation these texts will demonstrate diversity and for the other part show children in various stages of development with a view to understanding how they become competent language producers and receivers.

Unit 4 enables students to undertake some research into a chosen area of language.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Students will need to work quickly through section A and B of Unit 3 in preparation for their examination in January.

They will need to review their AS course and use these skills in order to learn about the development and diversity of the English Language socially, culturally and nationally. Students will also examine various theories of learning and language acquisition and acquire the terminology needed to comment on this complex process.

Students should also finalise their research question and begin initial preparation.

TERM 2

After the examination of Unit 3 - 'Language Diversity and Children's Language Development' students must begin working on their two coursework tasks:

Task 1 - an short introductory piece to the research area they have chosen which suits a chosen format and audience.

Task 2 - to undertake detailed data collection, analysis and interpretation for an investigative report.

TERM 3

Students can decide to retake the examination of Unit 3 if they are not happy with the result they receive in March.

Assessment Information

For the examination of Unit 3 students will need to be able to work quickly: analysing, comparing and extracting linguistic details as appropriate.

Other Information

It is essential that students who opt for this course have an interest in the English Language around them today. They must also be prepared to review all the skills acquired during the AS course as well as learning lots more!

English

Introduction & Aims

Year 13 students will study A2 Level Edexcel Language and Literature in English, Unit 3: Varieties in Language and Literature (2 hours 45 minutes exam) and Unit 4: Presenting the World (coursework).

For the examination paper, students will be required to answer on two unseen texts from any non-fiction genre of written or spoken language and one exam style comparison question on, 'The Glass Menagerie' and 'Betrayal'. Clean copies of texts will be allowed in the examination room. Dictionaries may not be used. The questions require candidates to demonstrate a response showing understanding of the crafting of speech; elements of theatrical conventions; an informed independent opinion, and to communicate these clearly and appropriately.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Students will study the following texts:

'The Glass Menagerie' Tennessee Williams

'Betrayal' Harold Pinter

They will also learn how to analyse the way spoken and written language works from a range of written and spoken non-fiction genres including:

Speeches, Political tracts, Diaries, Biographies and Autobiographies, Investigative Newspaper Reports, Travel writing

Students will complete a variety of tasks including: group and class discussions, class reading, mind-maps, essay questions and reviewing their peers' written work.

TERM 2

Students will study various texts from the topic 'Conflict and the Effect on the Self' including:

'The Kite Runner', 'On the Road to Kandahar', 'The Pillowman', poetry of Sylvia Plath and Ted Hughes, 'Hamlet', 'Blind Flight', 'Empire of the Sun'

Students will consider themes and characters that conflict and contrast, and study the forms and structures of the different genres in both fiction and non-fiction. This will then lead to them constructing their own texts and commentaries.

TERM 3

Continued revision.

By the end of this course students will be able to comment on each of the following areas of a text (giving their own informed opinion): creation of voice characters (opinions, attitudes and views), events, structure, narrative (number of voices), author's influence, tone, atmosphere, themes, symbols and motifs, language, literary devices and their effects, the use of embedded quotation and background information and history.

As well as this students will be able to craft and comment on their own texts.

Assessment Information

Ability to analyse voices, attitudes, ideas and values in speech and writing from a wide variety of forms. Understanding of the ways in which writers' choices of form, structure and language shape meanings. Ability to produce informed independent opinions and judgments.

Other Information

It will be beneficial to students to read about the author's background and the literary context of the texts. Students will be expected to read for pleasure, including novels other than those listed. The library is equipped with a variety of contemporary fiction.

Mathematics

Introduction & Aims

Enable students to :-

- Develop their mathematical knowledge and skills in a way which encourages confidence and provides satisfaction and enjoyment;
- develop an understanding of mathematical principles and an appreciation of mathematics as a logical, coherent subject;
- acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying;
- develop the ability to analyse problems logically, recognise when and how a situation may be represented mathematically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve problems;
- use mathematics as a means of communication with emphasis on the use of clear expression;

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Core C3

Algebra
Logarithmic/exponential functions
Numerical solutions
Trigonometry
Differentiation

One Application unit either

Mechanics M1
Forces and equilibrium
Kinematics of motion in a straight line

or Statistics S1
Methods for summarising data

or Decision D1
Algorithms Graphs Trees and Paths

TERM 2

Core C4

Partial fractions
Coordinate geometry
Binomial expansion
Differentiation
Vectors

Mechanics M1
Newtons laws of motion
Energy, work and power

or Statistics
Correlation Regression
Discrete random variables and
the Normal distribution

or Decision D1
Matching Linear Programming
and Critical path analysis

TERM 3

Core 4
Integration

Past papers
Individual learning
programs

Assessment Information

Students will be continually assessed and support given when needed.

Formal assessment will be in January C3 and in June C4 plus Application unit.

Other Information

Mathematics

Introduction & Aims

Enable students to :-

- Develop their mathematical knowledge and skills in a way which encourages confidence and provides satisfaction and enjoyment;
- develop an understanding of mathematical principles and an appreciation of mathematics as a logical, coherent subject;
- acquire a range of mathematical skills, particularly those which will enable them to use applications of mathematics in the context of everyday situations and of other subjects they may be studying;
- develop the ability to analyse problems logically, recognise when and how a situation may be represented mathematically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve problems;
- use mathematics as a means of communication with emphasis on the use of clear expression;

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Further Pure 3

Hyperbolic functions
Further Coordinate Systems
Differentiation
Integration
Vectors
Further Matrix Algebra

Two Application units either

Mechanics M1 or M2

or Statistics S1 or S2

or Decision D1 or D2

TERM 2

Two Application units either

Mechanics M1 or M2

or Statistics S1 or S2

or Decision D1 or D2

TERM 3

Past papers
Individual learning programs

Assessment Information

Students will be continually assessed and support given when needed.

Formal assessment will be in January FP3 and in June Two Application units.

Other Information

Geography

Introduction & Aims

Year 13 follow the Edexcel Geography B course to ensure that all pupils have the best chance of succeeding at their level, and to provide students with a mixture of traditional Geography and modern ideas. The course follows a simple modular structure and this will enable students to resit sections of the course if necessary next year. Decision making, fieldwork and interpreting geographical information are all important parts of the new course and students will use a rich range of resources from maps, videos, books, ICT and their own fieldwork. Many of the topics are new to the students so they will have to read around the subject using the books in the library. Paper four is based on the pupils' own research and so they will have to carry out extensive research using books, articles and the internet.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Unit 3. Contested Planet

The use and management of resources is a key issue for geography in today's world. We examine the inequalities in production and consumption of the World's resources and make decisions and evaluations about these scarce resources should be distributed.

Topic 1: Energy Security

Topic 2: Water Conflicts

Topic 3: Biodiversity Under Threat

Topic 4: Superpower Geographies

TERM 2

Topic 5: Bridging the Development Gap

Topic 6: The Technological Fix?

Unit 4. Geographical Research

Students must select and study one of the following research options:

Option 1: Tectonic Activity and Hazards

Option 2: Cold Environments — Landscapes and Change

Option 3: Life on the Margins — the Food Supply Problem

Option 4: The World of Cultural Diversity

Option 5: Pollution and Human Health at Risk

TERM 3

Continue to research individual topics.

Revise Unit 3 content

Pre-released material is released from Edexcel 4 weeks before the final exams

Exams sat in late June

Assessment Information

Students are continually assessed by their teacher. Each week a homework is set and the marks are graded using A2 grades. Students must review and revise their classwork in their own time to ensure that they retain the information for exams. The pass grades are from A to E. They will sit two exams in June.

Other Information

The students each have a detailed scheme of work and checklist that they can use to monitor their progress and guide their revision. Please check that your son/daughter is completing homework to a good standard.

History

Introduction & Aims

A-Level history will allow pupils to learn historical skills, allowing them to begin to understand, interpret and analyse the past. The history will focus on source interpretation, analysis and key essay skills. Giving pupils the skills to pass the A-Level course while exploring interesting and relevant themes

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Westward Expansion and the taming of the West (1840-1945)

Students will study the annexation of Texas, war with Mexico and Native Americans

Civil war and reconstruction (1861-1877)

Students will study the causes and consequences of the civil war, will focus on the devastated South and the booming North.

Impact of Economic Expansion (1865-1917)

Students will study the expansion of US industry and commerce.

TERM 2

Civil Rights (1895-1968)

Students will study the position of Afro-Americans in 1900 and focus on their struggle for equal rights.

Boom and Bust (1920-1941)

Students will study the impact of war on American society, depression and the New Deal.

USA rise as a world super power

Students will study the rise of American Imperialism, USA and the World Wars.

TERM 3

Social Developments

Students will study how society has changed throughout history.

Assessment Information

There will be constant assessment and feedback by the classroom teacher. There will be constant assessment using source work and essay questions. After each topic there will be an assessment in the form of exam, essays or source work analysis and interpretation.

Other Information

Pupils will be responsible for school textbooks which will be provided for homework and revision purposes.

Science

Introduction & Aims

The A-level Biology course aims to help students become confident citizens in a technological world who are able to take an informed interest in matters of scientific import. The course also develops skills that are relevant to the study and practice of biological science if they choose to study at a higher level.

The students will develop their knowledge and understanding of the key biological concepts as well as their practical skill and analytical ability. The final exam will assess each of these three skill areas.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Unit 4: The Natural Environment and Species Survival

Students study the interaction of organisms in an ecosystem and look at the effect of humans on the environment.

The concept of species survival is studied in terms of natural selection and the struggle between pathogens and the human immune system

TERM 2

Unit 5: Energy, Exercise and Coordination

Students study anaerobic and aerobic respiration, the control and functioning of heart; ventilation and cardiac output. The effect of exercise on these systems is also studied

Students go on to look at homeostasis, the nervous system, hormonal coordination and brain structure and development

Unit 6: Students pursue a research project of their choice to be submitted as coursework

TERM 3

Completion of Units 5 and 6

Assessment Information

A2 Level Assessments (weighting in brackets):
 Unit 4: The Natural Environment and Species Survival (40%)
 Unit 5: Energy, Exercise and Coordination (40%)
 Unit 6: Practical Biology and Investigative Skills (20%)

These marks contribute 50% of the total A-level and are added to the marks gained at AS

Student Responsibilities

Students are expected to display an awareness of issues regarding health and safety in the laboratory. At A-level students are also expected to undertake a significant amount of independent study.

Science

Introduction & Aims

The syllabus is designed to give emphasis on the understanding and application of scientific concepts and principles and less emphasis on factual material whilst still giving a thorough introduction to the study of Chemistry.

The syllabus aims are to:

1. Provide, through well designed studies of experimental and practical chemistry, a worthwhile educational experience for all students, whether or not they go on to study science beyond this level.
2. Develop abilities and skills in the practice of science, presentation of information and ideas, ability to work in a sustained fashion, among others.
3. Develop attitudes relevant to science, for example, accuracy/precision, objectivity, integrity, enquiry, among others.
4. Stimulate interest in, and care for, the environment and understand its relevance to society.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Principles of Chemistry 1

- * Rates
- * Entropy
- * Equilibria
- * Acid / base equilibria
- * Organic chemistry
- * Spectroscopy and chromatography

TERM 2

Principles of Chemistry 2

- * How chemists work
- * Redox reactions
- * Transition metals
- * Organic chemistry

TERM 3

Final preparations are made for the exam. Students take part in revision classes and attempt practice exam papers.

Assessment Information

Candidates must take three papers:

Paper 1: Multiple-choice and structured questions 1hr 40mins 40%

Paper 2: Structured core questions 1hr 40min 40%

Paper 3: Practical paper 20%

This is worth 50% of the overall A-Level in total. These marks are totalled with the candidates AS marks to give an overall grade.

Other Information

Chemistry would normally be studied alongside courses in Biology, Mathematics or Physics. A-Level Chemistry prepares candidates to progress into further or higher education, to follow various courses in the scientific field such as Chemistry, Medicine and Biochemistry. It contributes to lifelong learning skills

Information Technology

Introduction & Aims

In Year 13 students continue to work towards the EDEXCEL A2 in Applied ICT. This is a fully accredited A-Level course counting towards students' UCAS points for entry into British Universities at the end of Year 13.

The Edexcel GCE in Applied ICT has been developed to provide a broad educational basis for further training, further education or for moving into appropriate employment within the ICT sector. They have been designed to be delivered in a work-related context and to allow learners to develop an understanding of the ICT sector

Students will receive 7 periods of formal teaching per week but will also need to undertake additional study and develop their e-portfolios which should count for at least a further 5-6 hours per week in school and an additional 5-6 hours a week at home.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

USING DATABASES

Database Applications
Functional specifications

RELATIONAL DATABASES

Database Development
Data modelling / EAR
Database Structures
Validation
Normalisations

DATABASE DEVELOPMENT

Designing user interfaces
Testing database systems

UNIT 7 ASSESSMENT

This unit is externally assessed through a 10 hour practical examination

TERM 2

MANAGING IT PROJECTS

Examples of projects
Stakeholders

PM PRINCIPLES

Project proposals
Project scope
Project organisation
Phases of a project
Project planning
Project execution
Deliverables
Reviews
Project close down
End of project review

TERM 3

MULTIMEDIA SOFTWARE

Applications of multimedia

DESIGNING REAL SOLUTIONS

Functional specifications
Product design
Navigation
Graphical Design
Interactivity Design
Image capture / Video / Sound
Animation
User interface
Testing
Distribution
Evaluation

Assessment Information

The AS course is externally assessed by EDEXCEL. Students will be expected to complete projects of at least 60 hours each in Terms 1 and 2. This coursework will be internally moderated and sent to EDEXCEL for marking.

Students must also sit a 10hr assessment for Unit 7

Entry Requirements

Learners who would most benefit from a GCE in Applied ICT are likely to have:

IGCSE in ICT (Grades A*-C)

AND

5 IGCSEs at grade A*-C

Art and Design

Introduction & Aims

Art and Design encourages personal expression, imagination, observational studies and analytical opportunities. Following the Cambridge syllabus with the area of study of Painting and Related Media.

Students complete the A level course with the following components - Coursework - comp. 3 - Related Study - comp 4.

Aims

The ability to understand and express concepts and feelings. To record from direct observation and personal experience and to communicate by using appropriate materials and techniques use innovation and the use of intuition and imagination. The ability to be critical and analytical, to identify, research and evaluate problems in a systematic way. The acquisition of a relevant working vocabulary; an awareness and appreciation of the interdependence of Art & Design and the individual within cultural contexts.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Coursework

Students are to pursue a field of study in research, development and in depth. Much emphasis will be placed on the resolution of the final piece as on the development of ideas and the use of processes.

Students are to produce a Coursework project, supporting studies and a sketchbook.

Related Study

Students will produce a detailed study of any aspect of the visual arts. Students must select their related study theme and complete a proposal form

- Potential trips will be organised.
- Emphasis on use of techniques.

TERM 2

Coursework

Emphasis is based on the completion and development of student's individual response to comp.3. Aiming towards the opportunity to complete a whole school presentation of their work.

Related Study

Students will produce a detailed study of any aspect of the visual arts. First-hand experience of the work(s) should form at least part of the study. Following their proposal form the presentation of the study may take any format that is appropriate.

- Potential trips
- Emphasis on independent self study

TERM 3

Related Study Component 4

Students are encouraged to collate, complete and finalise their study. Emphasis is placed on the presentation of their work.

Portfolio completion Students are to select work from Years 12 and 13 and develop their individual portfolio of work. Emphasis is placed on a professional presentation of work in order for students to use their portfolio for interview purposes.

- Potential trip local Art exhibitions and interviews with local Artists
- Emphasis on independent self study and portfolio completion.

Assessment Information

Students are assessed using the Cambridge Assessment Objectives from the syllabus.

Students are expected to record their own work and are encouraged to critically analyse and evaluate their own work.

Comp. 3 & 4 are externally assessed by CIE.

Other Information

Students are encouraged to work independently on all their Art studies both in class and at home.

Students should have a basic range of Art materials at home.

Some research will be collected from the Internet, so where possible Internet facilities are very useful.

For further information

www.cie.org.uk

Business Studies

Introduction & Aims

Business Studies will enable students to understand and appreciate the nature and scope of business, and its role in society. Students will develop critical understanding of organisations, the markets they serve and the process of adding value. This will involve consideration of the internal workings and management of organisations and, in particular, the process of decision-making in a dynamic external environment.

Students will become aware that business behaviour can be studied from a range of stakeholders including customer, manager, creditor, owner/shareholder and employee. Students will also understand how business activity is affected by economic, environmental, ethical, governmental, legal, social and technological factors.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Business and the Environment

Marketing

People in organisations

TERM 2

People in organisations (Continued)

Operations Management

Business Finance and Accounting

Information for Decision Making

TERM 3

Revision

Exam technique

Past Exam papers -

Assessment Information

Students will be continuously assessed by the classroom teacher through a mix of set homework, tests, project work, and mock exams

Other Information

The extension topics will be studied in preparation for the Advanced level exam.

Students are required to use a variety of media to keep up to date with the main business news: TV, radio, newspapers, internet. The BBC World Service, CNN, and quality Spanish dailies can provide an essential source of information.

French

Introduction & Aims

The aims in Year 13 are:

- To develop the ability to understand the language from a variety of registers.
- To enable the student to communicate confidently and clearly in French.
- To form a sound base of skills, language and attitudes required for further study, work and leisure.
- To develop insights into the culture and civilisation of the countries where the language is spoken, including the study of literary texts where appropriate.
- To encourage positive attitudes to language learning and a sympathetic approach to other cultures and civilisations.
- To further intellectual and personal development by promoting learning and social skills.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

1. Grammar revision: present, past and future tense, pronouns, subjunctive
2. start research on research based essay
3. introduction to writing an essay
4. france and its culture and problems

TERM 2

1. Grammar: historic past, inverted questions, negative form, passive voice, other pronouns, conditional form, present participle, subjunctive
2. research speaking test
3. continue reserach for essay
4. world problems and organisations
5. translation

TERM 3

1. Grammar revision: general revision
2. Essay Past Papers
3. Speaking test practice
4. Literature history and beliefs

Assessment Information

The teacher assesses candidates' linguistic competence & knowledge of the French society by requiring them to:

- understand and respond to texts written in French;
- manipulate French accurately in spoken and extended written forms;
- select and present information in French, organise arguments and ideas logically

Other Information

It is highly recommended that students read French books at home and do past papers on their own. They can also watch French films in original version.

A dictionary is necessary for them to do their homework.

Lengua y Literatura

Introduction & Aims

Los objetivos principales de este curso son:

Utilizar la lengua para expresarse con corrección, oralmente y por escrito en la forma más adecuada a cada situación comunicativa.

Distinguir los diferentes tipos de textos orales y escritos y sus estructuras formales.

Redactar diferentes tipos de textos atendiendo a sus estructuras formales básicas.

Valorar la realidad plurilingüe y pluricultural de España, conociendo su origen, desarrollo y variedades.

Conocer los principios fundamentales de la gramática española, reconociendo las distintas unidades de la lengua y sus posibles combinaciones

Interpretar y producir textos literarios desde posturas personales críticas y creativas.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Lengua y sociedad. Origen y desarrollo del castellano.

Las lenguas constitucionales

Variedades del español.

El español de América

Características del español actual

Categorías gramaticales

Tipos de oraciones

Técnicas de análisis y comentarios de textos: lingüístico y literario

Redacción de trabajos académicos

TERM 2

Textos científicos y técnicos

Textos jurídicos y administrativos

Textos humanísticos

Mecanismos de coherencia

Cohesión gramatical y léxica

La terminología

Técnicas de análisis y comentarios de textos: lingüístico y literario

Redacción de trabajos académicos

TERM 3

Textos periodísticos

Textos literarios

Los conectores

Procedimientos lingüísticos para la formación de neologismos.

El castellano en internet

Técnicas de análisis y comentarios de textos: lingüístico y literario

Redacción de trabajos académicos

Assessment Information

Exámenes parciales después de cada tema impartido.

Exámenes trimestrales

Presentaciones, debates y seminarios.

Exámenes As de convocatorias anteriores

Los/as alumnos/as serán evaluados en su participación en clase y esfuerzo.

Other Information

Durante este año comenzaremos con la preparación de los exámenes A level de Español como primera lengua y de Literatura Española que realizarán los/as alumnos/as al final de year 13.

Asimismo, impartiremos los contenidos necesarios para realizar la prueba de selectividad.

Physics

Introduction & Aims

Edexcel's Physics specification provides the basis of an innovative course that has been designed to engage and inspire students who have different needs and abilities by providing two distinct, flexible, teaching and learning approaches: a concept-led approach. This approach begins with a study of the laws, theories and models of physics and finishes with an exploration of their practical applications a context-led topic approach. This approach begins with the consideration of an application that draws on many different areas of physics, and then moves on to the laws, theories and models of physics underlying this application. This approach is based on the Salters Horners Advanced Physics Project. These teaching approaches can be mixed to allow variety in course delivery. Teachers may select the approach that best meets the needs of their students. These different approaches lead to the same common assessment paper for each unit.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Unit 4: This unit involves the study of further mechanics (momentum and circular motion), electric and magnetic fields, and particle physics.

Several different contexts may be used to teach parts of this unit including a modern rail transport system, communications and display techniques. Particle physics is the subject of current research, involving the acceleration and detection of high-energy particles. This area of the specification may be taught by exploring a range of contemporary experiments.

TERM 2

Unit 5: This unit involves the study of thermal energy, nuclear decay, oscillations, astrophysics and cosmology.

Several different contexts may be used to teach parts of this unit including space technology, medical physics and the construction of buildings in earthquake zones.

The astrophysics and cosmology section of this specification may be taught using the physical interpretation of astronomical observations, the formation and evolution of stars, and the history and future of the universe.

TERM 3

Unit 6: This unit involves an experiment that is based on a physics-based visit **or** a case study of an application of physics.

Assessment Information

Unit 4 and 5: These units are assessed by means of two written examination papers of 1 hour 35 minutes duration, which will consist of objective questions, short questions and long questions.

Unit 6: This unit is assessed by means of an experiment that is founded on either a physics-based visit **or** a case study of an application of physics. Students write a report that is either internally marked and externally moderated or externally marked by Edexcel.

Other Information

Physics would normally be studied alongside courses in Biology, Mathematics or Chemistry. A-Level Physics prepares candidates to progress into further or higher education, to follow various courses in the scientific field such as Physics, Astronomy and Medical Physics. It contributes to lifelong learning skills

PSHE

Introduction & Aims

In Year 13, the pupils have one lesson per week. This lesson is used to check homework diaries, review pupils' progress, attend class or school assemblies or study a variety of PSHE topics.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

During each term, the following topics will be covered.

Preparation for University, completing application forms, practice for interviews, preparing personal statements.

TERM 2

Continuing work from Term 1.

TERM 3

Examinations

Assessment Information

This subject is not assessed, it intends to develop a wide range of skills and essential knowledge for our pupils

Other Information

Please check the homework diary regularly for comments by the teacher. This is very important to your son/daughter's development.

Spanish Foreign Language

Introduction & Aims

To develop the ability to understand Spanish from a variety of registers.

- To enable the pupil to communicate confidently and clearly in Spanish.
- To form a sound base of skills, language and attitudes required for further study, work and leisure.
- To develop insights into the culture and civilisation of Spanish speaking countries.
- To encourage positive attitudes to language learning and a sympathetic approach to other cultures and civilisations.
- To further intellectual and personal development by promoting learning and social skills.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Skills based lessons covering grammar, reading and writing in particular

Topic based work:

¡Protejamos nuestro entorno! - Environmental problems and social issues

Tecnología -

Impact of new technology
Electronics and leisure

Translation strategies

Regular Writing Workshops -

Preparation for unseen topic based discursive essay components

Research Based Essay

Investigation project initial work

TERM 2

Topic based work:

¿Somos todos iguales? - Human rights on national and international level

España y un mundo que se globaliza -

Iguals ante la ley -

La Constitución Española

Crime and punishment

Translation strategies

Continued Writing Workshops

preparing for research based essay component

Oral Preparation -

Language of debate and discussion

TERM 3

Topic based work:

Por amor al arte -

Cultural tendencies in Spain

Arquitectura

Cinema

Painting

Dance

Translation strategies

Past paper practice

Assessment Information

Pupils will be continually assessed in writing workshops, translation tasks and periodical vocabulary tests.

Pupils assessed one to one for speaking component

Final exam

Other Information

The new Edexcel syllabus requires pupils to undertake their own research in two areas. Research for their chosen topic for unit 4 Research, Understanding and Written Response and also unit 3 Understanding and Spoken Response where they will take a clear stance on any issue agreed with the class teacher.

Spanish Foreign Language

Introduction & Aims

L'ensenyament de la llengua i de la literatura en l'etapa d'Educació Secundària Obligatòria tindrà com a objectiu contribuir a desenvolupar en l'alumnat les capacitats següents i això sí té a veure amb un programa integrat en l'estudi construït sobre les quatre habilitats lingüístiques bàsiques: comprensió oral, expressió oral, comprensió lectora i expressió escrita.

What will pupils study?

Below you will find a term by term description of the topics/skills normally taught each term. The exact timings may of course vary and the order in which the topics are covered may change.

TERM 1

Unitat 1. Comprendre discursos orals i escrits i reconèixer les finalitats diferents que tenen i les situacions de comunicació en què es produeixen.

Unitat 2. Expressar-se oralment i per escrit amb coherència i correcció d'acord amb les finalitats i les situacions comunicatives diferents i adoptant un estil expressiu propi.

Unitat 3. Conèixer i valorar la realitat plurilingüe i pluricultural d'Espanya i les variants de cada llengua, considerant les diferents situacions que plantegen les llengües en contacte.

TERM 2

Unitat 4. Comprendre i valorar, a partir del coneixement de la realitat sociolingüística, la necessitat de recuperar us ús normalitzat del valencià.

Unitat 5. Conèixer i usar en els produccions pròpies les normes lingüístiques, amb una atenció especial a les ortogràfiques.

Unitat 6. Reconèixer i analitzar els elements i les característiques dels mitjans de comunicació.

TERM 3

Unitat 7. Beneficiar-se i gaudir autònomament de la lectura i de l'escriptura com a formes de comunicació i com a fonts d'enriquiment cultural i de plaer personal.

Unitat 8. Conèixer i diferenciar els principals gèneres de la tradició literària occidental.

Unitat 9. Assolir una competència tant oral com escrita tal per passar l'examen mitjà / superior de la JQCV.

Assessment Information

Els textos (lectura) que inicien les unitats els treballarem seguint les pautes d'audició, explicació, exercicis de comprensió i relació amb la realitat de l'alumnat.

També fem ús d'exercicis per a treballar el lèxic, l'ortografia i la morfologia com són els mitjans audiovisuals (pissarra-clarió, casset, etc.).

Other Information

Realitzaré exàmens parcials després de l'explicació i del treball de cada tema.

Acompanyarem la nota amb la realització de treballs-mural en grups

L'alumnat serà avaluat per l'esforç i la participació a classe. I lògicament també pels deures realitzats a casa.