Key Stage 4 & Key Stage 5

Year 10 into Year 11

&

Year 11 into Year 12

Options Booklet

2021-2022

MISSION

The BSE are committed to being a leading school with a positive and inclusive culture; highly respected internationally for innovation, progressive and personalized learning and a commitment to student and teacher excellence and well-being.

VISION

To provide rich opportunities for our pupils to be leaders, designers, creators and contributors; to prepare their young minds to understand, find solutions and succeed in a rapidly changing society; so they may impact on and improve the world.

The Concept of Complete Well-BSEing

LIVE WELL FOR SCHOOL,
LIVE WELL FOR LIFE…

The BSE's unique concept of Complete Well-BSEing adopts the principles of Positive Psychology and works to build the resilience and well-being of every child at The BSE, to ensure they each reach or exceed their full potential.



Complete Well-BSEing Aims to:

- Equip pupils with the skills, attributes and habits required to thrive, be more resilient and live a successful and healthy life.
- Develop in each pupil a sense of purpose, engagement and accomplishment across all areas of their BSE experience; achieved through positive relationships with staff and with their peers, and a wide programme of enriching and stimulating opportunities to take part in.
- Proactively support and develop the well-being of the individual and the whole community.

Curriculum Overview at The BSE

In Years 7 - 9 students study the UK Key Stage 3 curriculum.

As they move into Year 10, they start the courses leading to the International General Certificate of Secondary Education (IGCSE). Students will take 5 subjects in total in Year 10.

This options booklets is aimed at pupils and parents of children in Years 10 and 11 to help them make their choices regarding the optional IGCSEs, AS and A-Level studies.

Please Note: *Year 11 is a combination of Key Stage 4 and 5. This is because pupils study both IGCSE and AS levels.*

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IGCSEs are highly valued by schools, universities and employers, so they will be useful whatever students are planning to do after their time at The BSE.

KEY STAGE 4 & 5 - Years 10, 11 and 12

International General Certificate of Secondary Education (IGCSE) & Advanced Level (A-Level) Curriculum Implementation Plan

Overview:

- Key Stage 4 curriculum at The BSE is covered over Years 10 and 11.
- Key Stage 5 curriculum is covered over Years 11 and 12.
- Students complete a number of IGCSE-Level and AS (Advanced Supplementary) / A-Level (Advanced Level) subjects across Key Stage 4/5.
- After successfully completing these subjects, at the end of Year 12, students graduate from The BSE with the UK School-Leaving Qualification – IGCSEs and A-Levels.
- The number of IGCSE and AS/A-Level subjects required for University entry is determined by the particular National or International University where each student wishes to study.

Please note:

Admission requirements for enrollment in National Universities - Egyptian Universities under the auspices of the Supreme Council for Higher Education, are currently as follows:

- Students must successfully complete eight (8) IGCSE Subjects.
- Students must successfully complete EITHER two (2) AS (Advanced Supplementary) subjects OR one (1) A-Level (Advanced Level) subject.
- Students must successfully complete the MOE Thanaweya Amma Arabic, Religion and Social Studies examinations.
- Students will continue to have PE lessons as well as Assemblies and Tutor Time when in KS4 & 5.

Admission requirements for enrollment in foreign universities in Egypt should be checked every year.

Admission requirements for enrollment in international universities overseas must be checked every academic year.

Year 10 Plan:

- Starting in Year 10, pupils are able to select subjects from the wide range offered at the BSE.
- In Year 10 Pupils MUST complete five (5) IGCSE subjects in one academic year.
- The 5 exams should be sat in the June Examination session of that academic year.
- Pupils will not be permitted to drop subjects from their chosen block, ALL 5 MUST be taken at the 2022 examination session.
- Students must successfully complete the MOE Arabic, Religion and Social Studies examinations for 1st Secondary.
- Pupils are expected to sit the CORE subjects in Year 10, followed by wider a choice in Years 11 and 12.
- The CORE Subjects are – English as a Second Language, Mathematics, Physics, Chemistry, Biology.
- Pupils who do not wish to complete all three Sciences will have the option of studying IGCSE Arabic or IGCSE French in Year 10.
- Once the core subjects are complete pupils have a wider choice in Year 11 and 12.

Year 11 Plan:

- Pupils will be required to choose 3 additional IGCSE subjects to study in Year 11.
- They will sit exams for these 3 IGCSE Subjects in the June Examination Session of the Year 11 Academic Year.
- Pupils are required to choose a **minimum of 1 AS-Level subject** from the wide range offered at The BSE.
- They will sit examinations in the 1 or 2 AS-Level subjects in the June Examination Session of the Year 11 Academic Year.
- Pupils' choice of AS-Level subjects should be based on the requirements of the particular university each pupil would like to enroll in, and the particular major that each pupil wishes to study.
- The BSE Key Stage 4 Academic Counselor will assist students in the making their choice of subjects in order to ensure that their choices meet the university requirements they wish to join and the majors they wish to study.
- Students must successfully complete the MOE Arabic, Religion and Social Studies examinations for 2nd Secondary.

Year 12 Plan:

- Students must complete the A2 Curriculum in the 1 or more AS-Level subjects that they completed in Year 11 in order to achieve A-Level status in each of these subjects.
- Students must successfully complete the MOE Arabic, Religion and Social Studies examinations for 3rd Secondary Section of Thanaweya Amma.

Important Considerations:

- There are four pass grades available, A* to C, or 9 to 4
- When a candidate does not reach the lowest grade on offer in a subject then he or she will be unclassified (a U grade).
- **Students aiming to study for an Advanced Level in Year 11 and 12 should be getting at least a B in the IGCSE.**

Re sitting examinations to improve results:

- Students can re sit examinations in order to improve their grades in the November Examination session of every year.
- Students can re sit examinations in order to improve their results in any subject for a maximum total of five (5) sessions.
- Please note this does not mean over 5 years but 5 exam sessions.

Selecting Option Subjects:

The **OPTIONS** have been built based on common combinations, to maximise student choice.
Once an OPTION is chosen, it cannot be changed.

Year 11 Options:

This page is for information only and does not need to be filled in at this stage.

The KS4 Office will be in touch with instructions on how and when to select your final options.

The following table includes subjects in which students must sit for exams at the end of Year 11 (depending on what they opt for) and PLUS the remaining 3 IGCSEs required to make the total of 8.

Each Year 11 student is required to finish one AS (Advanced Subsidiary) subjects as a minimum.

IGCSE Subject Options in Year 11		
Business Studies IGCE	Human Biology IGCSE	ICT IGCSE
Accounting IGCSE	Chemistry IGCSE	Computer Science IGCSE
Economics IGCSE	Biology IGCSE	Sociology IGCSE
Travel & Tourism IGCSE	Physics IGCSE	Art & Design IGCSE
French IGCSE	Arabic as a First Language IGCSE	
AS / AL Subject Options in Year 11		
Mathematics AS	Biology AS	Business Studies AS
Arabic AL	Chemistry AS	Computer Science AS
	Physics AS	

Year 12 Options:

Students are required to continue at least one AS subject to complete the full A-Level (Advanced Level).

AS / AL Subject Options in Year 12		
*Arabic AL	Economics AS Economics A2	Physics AS Physics A2
Maths AS Maths A2	Chemistry AS Chemistry A2	Biology AS Biology A2
Psychology AS	Computer Science AS Computer Science A2	Business AS Business A2

Important Consideration:

- *Arabic AL is only accepted in Egypt by the AUC;
- Some Universities abroad do not accept Arabic AL as students are Native speakers.

What to do if you can't decide…

- Seek advice from subject teachers, form tutors and careers advisers. They have the latest advice and guidance to help sign-post you all in the right direction.
- The subjects that you tend to be more successful at are generally those that you enjoy most. One year studying a subject is a long time and you will want to keep motivated and interested to achieve the very best grades you can.
- It's not a bad thing to go with your instincts – but remember that we are not always good at the things we like and sometimes do not like the things at which we are good.

Beware of choosing subjects for the wrong reasons:

- because your best friend is doing it
- because your current teacher is your favourite (that teacher may teach a different class for IGCSE, or even leave the school)
- because someone else – friend, parent, teacher – wants you to take a particular subject (listen to advice but make your own decisions)
- The subject teachers who know you best will be able to give you a really good insight into the demands and challenges of a particular IGCSE subject and help you decide if it is the right fit for you and your future ambitions.
- Consider what skills you enjoy using (using language to express yourself, reading, solving problems, carrying out research) and see how they might be used, developed and challenged in the different IGCSE subjects.
- What do your extra-curricular activities tell you about the kinds of things you like to do: team working, leadership, working on your own, being creative and designing and making things? These skills could help decide which subjects to follow at IGCSE and give an indication of the kind of career path you might choose to follow.

If all else fails:

- Ask yourself which subjects you could not imagine being absent from your Year 10 timetable.
- Draw up a list of pros and cons for each subject

Finally – remember that these are your choices, not those of your parents, teachers and friends! Do listen to advice, but play to your own strengths not those that others may attribute to you. In the end you are the onlyone who can make sure that the decisions you make at this point turn out to be the right ones.

IGCSE COURSE OVERVIEWS

Subject:	**Arabic First Language IGCSE**	**Course Code:**	**4AA1**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to develop:

- their ability to read, understand and respond to material from a variety of sources
- their ability to communicate accurately in writing, matching style to audience and purpose
- their understanding of the structure and variety of language
- an understanding of themselves and the world around them
- an appreciation of the richness, beauty and diversity of the Arabic language.

Content Overview:

The Pearson Edexcel International GCSE in Arabic (First Language) consists of two externally-examined papers. The Pearson Edexcel International GCSE in Arabic (First Language) is a linear qualification.
All papers must be taken at the end of the course of study.

Paper 1:
Assesses Reading and Grammar skills across a selection of topic areas:

- youth matters
- education
- media
- culture
- sport and leisure
- travel and tourism
- business, work and employment
- environment
- health
- technology.

Paper 2:
Assesses Writing skills across a selection of topic areas:

- youth matters
- education
- media
- culture
- sport and leisure
- travel and tourism
- business, work and employment
- environment
- health
- technology.

Assessment Overview:

Paper 1
Duration: 2 hours and 15 minutes
Style: **Part One:** Reading (49 marks) Short- and extended-response questions on two texts.
Part Two: Summary (6 marks) Summary of the main points of a third text.
Part Three: Grammar (20 marks) Four questions on a range of aspects of grammar.
60% of the qualification

- 75 marks available
- Externally assessed

Paper 2
Duration: 1 hour and 30 minutes
Style: Two extended-response writing tasks.
40% of the qualification

- 50 marks available (25 marks for each task)
- Externally assessed

Subject:	Accounting IGCSE	Course Code:	0985
Exam Board:	CIE	Grading:	9 - 1

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.

The aims are to enable students to develop:

• knowledge and understanding of the principles and purposes of accounting for individuals, businesses, non-trading organisations and society as a whole

• an understanding of accounting concepts, principles, policies, techniques, procedures and terminology

• improved skills of numeracy, literacy, communication, enquiry, presentation and interpretation • improved accuracy, orderliness and the ability to think logically

• an excellent foundation for advanced study.

Content Overview:

Candidates study the following topics:

1) The fundamentals of accounting

This section introduces the subject by explaining the difference between book-keeping and accounting. The role of accounting in providing information and the purposes of measuring business profit and loss are also explored. Basic accounting terms and the accounting equation are introduced.

2) Sources and recording of data

The core topic of this section is the double entry system of book-keeping and how this is applied in the preparation of ledger accounts. The division of the ledger is considered. Business documents and their use as sources of information are also included. Consideration is given to the procedures for processing information in books of prime entry.

3) Verification of accounting records

This section concentrates on the use of trial balances, bank reconciliation statements and control accounts as means of verifying accounting records. The procedures for the correction of errors are also covered.

4) Accounting procedures

Within this section, consideration is given to the importance of distinguishing between capital and revenue expenditure and receipts. Non-current assets are further explored in terms of accounting for depreciation and disposals. Procedures to record adjustments for accruals and prepayments, irrecoverable debts, provision of doubtful debts and the recovery of debts written off are included. Inventory valuation, and its impact on financial statements, is also covered.

5) Preparation of financial statements

The focus of this section is the preparation of financial statements, including year-end adjustments, for different types of businesses (sole traders, partnerships and limited companies). Consideration is also given to the financial statements of clubs and societies and manufacturing businesses. The procedures employed when only incomplete records are available are also covered.

6) Analysis and interpretation

This section introduces the calculation and the interpretation of the main accounting ratios. The use of ratios in inter-firm comparison is also included. Consideration is also given to the uses of accounting information by interested parties. The limitations of accounting statements are also explored.

7) Accounting principles and policies

The main accounting principles are introduced together with how they are applied in accounting records and statements. Consideration is also given to the influence of international accounting standards and the selection of accounting policies.

Assessment Overview:

All candidates take two papers.

Paper 1	Paper 2
Duration: 1 hour 15 minutes **Style:** Multiple Choice **30% of total marks** 35 marks available Multiple-choice questions Questions will be based on all syllabus content Externally assessed	**Duration:** 1 hour 45 minutes **Style:** Structured Written Paper **30% of total marks** 100 marks available Questions will be based on all syllabus content Externally assessed

Subject:	**Art & Design IGCSE**	**Course Code:**	**0989**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.
The aims are to enable students to develop:

- an ability to record from direct observation and personal experience
- an ability to identify and solve problems in visual and/or other forms
- creativity, visual awareness, critical and cultural understanding
- an imaginative, creative and personal response
- confidence, enthusiasm and a sense of achievement in the practice of art and design
- growing independence in the refinement and development of ideas and personal outcomes
- engagement and experimentation with a range of media, materials and techniques, including new media and technologies, where appropriate
- experience of working in relevant frameworks and exploration of manipulative skills necessary to form, compose and communicate in two and/or three dimensions
- a working vocabulary relevant to the subject and an interest in, and a critical awareness of, other practitioners, environments and cultures
- investigative, analytical, experimental, interpretative, practical, technical and expressive skills which aid effective and independent learning.

Content Overview:

Cambridge IGCSE (9–1) Art & Design has been designed to offer a broad choice of media and approaches so that candidates can produce a personal response and schools can play to their strengths in terms of staff expertise and interests.
The broad areas of study are:

- painting and related media
- graphic communication
- three-dimensional design
- textiles and fashion
- photography. Candidates can respond to either component using any of the media listed in the areas of study above.

Assessment Overview:	
All candidates take two components. Candidates will be eligible for grades A* to G.	
Component 1 **Style:** Coursework **50% of total marks** 100 marks available Candidates research, develop and realise a project from one or more of the areas of study and should explore a theme. There are **two** parts to the coursework: – a portfolio **and** – a final outcome. Externally assessed	**Component 2** **Duration:** 8 hours Externally **Style:** Set Assgignment **50% of total marks** 100 marks available Candidates respond to one starting point set by Cambridge International. Candidates may produce work from the same areas of study as Component 1, but they do not have to. There are **two** parts to the assignment: – supporting studies **and** – a final outcome, produced during a supervised test of 8 hours' total duration. Externally assessed

Subject:	Biology IGCSE	Course Code:	4BI1
Exam Board:	Edexcel	Grading:	9 - 1

Aims of the Course:

The aims and objectives of this qualification are to enable students to:

• learn about unifying patterns and themes in biology and use them in new and changing situations
• acquire knowledge and understanding of biological facts, terminology, concepts, principles and practical techniques
• apply the principles and concepts of biology, including those related to the applications of biology, to different contexts
• evaluate biological information, making judgements on the basis of this information
• appreciate the practical nature of biology, developing experimental and investigative skills based on correct and safe laboratory techniques
• analyse, interpret and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations
• recognise the importance of accurate experimental work and reporting scientific methods in biology
• select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions
• develop a logical approach to problem solving in a wider context • select and apply appropriate areas of mathematics relevant to biology as set out under each topic • prepare for more advanced courses in biology and for other courses that require knowledge of biology.

Content Overview:

Candidates study the following topics:

1) The nature and variety of living organisms
2) Structure and functions in living organisms
3) Reproduction and inheritance
4) Ecology and the environment
5) Use of biological resources

Assessment Overview:

The Pearson Edexcel International GCSE in Biology comprises two externally-assessed papers:

- Biology Paper 1
- Biology Paper 2.

Biology Paper 1

***Paper Code:** 4BI1/1B and 4SD0/1B

Duration: 2-hour written examination paper

Style: 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.

- 61.1% of the total International GCSE
- The total number of marks is 110.
- Externally assessed

Biology Paper 2

***Paper Code:** Paper code 4BI1/2B

Duration: 1 hour and 15minute written examination paper.

Style: 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.

- 38.9% of the total International GCSE
- The total number of marks is 70.
- Externally assessed

Subject:	**Business Studies IGCSE**	**Course Code:**	**0986**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.

The aims are to enable students to:

- apply their knowledge and critical understanding to current issues and problems in a wide range of business contexts
- make effective use of relevant terminology, concepts and methods, and recognise the strengths and limitations of the ideas used in business
- distinguish between facts and opinions, and evaluate qualitative and quantitative data in order to help build arguments and make informed judgements
- appreciate the perspectives of a range of stakeholders in relation to the business environment, individuals, society, government and enterprise
- develop knowledge and understanding of the major groups and organisations within and outside business, and consider ways in which they are able to influence objectives, decisions and activities
- develop knowledge and understanding of how the main types of businesses are organised, financed

and operated, and how their relations with other organisations, consumers, employees, owners and society are regulated

• develop skills of numeracy, literacy, enquiry, selection and use of relevant sources of information, presentation and interpretation

• develop an awareness of the nature and significance of innovation and change within the context of business activities

• acquire a foundation for further study of business or other subjects.

Content Overview:

Candidates study the following topics:

1) Understanding business activity

This section introduces the underlying ideas and concepts of business and includes the purpose and nature of business activity and how businesses can be classified. Enterprise and entrepreneurs, and why some businesses grow while others remain small are further important issues. How business size can be measured, types of business organisation, business objectives and stakeholder objectives are the concluding topics.

2) People in business

The focus is the functional area of human resources and includes the importance and methods of motivating a workforce. How businesses are organised and managed and the methods of recruitment, selection and training of employees are also considered. Finally, the section covers the importance and methods of effective internal and external communication.

3) Marketing

This section includes the role of marketing, the distinctions between niche and mass markets and the techniques of market segmentation. The methods and importance of market research are covered. The central role of the marketing mix, i.e. the four Ps, is made clear. Marketing strategies to influence consumer decisions at home and in new foreign markets are the final topics in this section.

4) Operations management

The focus is the functional area of production and includes the meaning and methods of production and how productivity can be increased. The different costs of production and break-even analysis are covered. The section concludes with the importance and methods of achieving quality in the production process and location decisions of businesses.

5) Financial information and decisions

This finance and accounting section covers the need for and sources of business finance, cash-flow forecasting and working capital. Simple income statements are covered as well as statements of financial position and the analysis of accounts including why and how accounts are used.

6) External influences on business activity

This section focuses on different external influences on business activity and how these impact on a business. It includes government influences on economic, environmental and ethical issues and how they impact on the functional areas of businesses. In addition, the international economy including globalisation and its effects on businesses and governments, multinational businesses and exchange rates are important issues. Legal constraints are an external influence to be considered but these influences are covered in the relevant functional areas above, as well as in this last section.

Assessment Overview:

All candidates take two components. Candidates will be eligible for grades 9 to 1, where 9 is the highest grade.	
Paper 1 **Duration:** 1 hour 30 minutes **Style:** Short Answer and Data Response 50% of total IGCSE 80 marks available Four questions requiring a mixture of short answers and structured data responses Candidates answer all questions. Externally assessed	**Paper 2** **Duration:** 1 hour 30 minutes **Style:** Case Study 50% of total IGCSE 80 marks available Four questions based on a case study, provided as an insert with the paper Candidates answer all questions. Externally assessed

Subject:	**Chemistry IGCSE**	**Course Code:**	**0971**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.

The aims are to enable students to:

- acquire scientific knowledge and understanding of scientific theories and practice
- develop a range of experimental skills, including handling variables and working safely
- use scientific data and evidence to solve problems and discuss the limitations of scientific methods
- communicate effectively and clearly, using scientific terminology, notation and conventions
- understand that the application of scientific knowledge can benefit people and the environment
- enjoy science and develop an informed interest in scientific matters which support further study.

Content Overview:

Candidates study the following topics:

1) States of matter
2) Atoms, elements and compounds
3) Stoichiometry
4) Electrochemistry
5) Chemical energetics
6) Chemical reactions
7) Acids, bases and salts
8) The Periodic Table
9) Metals
10) Chemistry of the environment
11) Organic chemistry
12) Experimental techniques and chemical analysis

Assessment Overview:

All candidates take three papers.

Candidates who have studied the Core syllabus content, or who are expected to achieve a grade 3 or

below, should be entered for Paper 1, Paper 3 and either Paper 5 or Paper 6.
These candidates will be eligible for grades 5 to 1, where 5 is the highest grade.
Candidates who have studied the Extended syllabus content (Core and Supplement), and who are expected to achieve a grade 4 or above, should be entered for Paper 2, Paper 4 and either Paper 5 or Paper 6.
These candidates will be eligible for grades 9 to 1, where 9 is the highest grade.

Core assessment Core candidates take Paper 1 and Paper 3.
The questions are based on the Core subject content only.

Paper 1: Multiple Choice (Core)	**Paper 3: Theory (Core)**
Duration: 45 minutes **Style:** 40 four-option multiple-choice questions 40 marks available 30% of total IGCSE Externally assessed	**Duration:** 1 hour 15 minutes **Style:** Short-answer and structured questions 80 marks available 50% of total IGCSE Externally assessed

Extended assessment Extended candidates take Paper 2 and Paper 4.
The questions are based on the Core and Supplement subject content.

Paper 2: Multiple Choice (Extended)	**Paper 4: Theory (Extended)**
Duration: 45 minutes **Style:** 40 four-option multiple-choice questions 40 marks available 30% of total IGCSE Externally assessed	**Duration:** 1 hour 15 minutes **Style:** Short-answer and structured questions 80 marks available 50% of total IGCSE Externally assessed

Practical assessment All candidates take one practical paper from a choice of two.

Paper 5: Practical Test	**Paper 6: Alternative to Practical**
Duration: 1 hour 15 minutes **Style:** Questions will be based on the experimental skills in Section 4 40 marks available 20% of total IGCSE Externally assessed	**Duration:** 1 hour **Style:** Questions will be based on the experimental skills in Section 4 40 marks available 20% of total IGCSE Externally assessed

Subject:	**Computer Science IGCSE**	**Course Code:**	**0984**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.
The aims are to enable students to develop:

- computational thinking skills
- an understanding of the main principles of solving problems using computers
- the skills necessary to solve computer-based problems using a high-level programming language
- an understanding of the component parts of computer systems and how they interrelate
- an understanding of the internet as a means of communication and its associated risks
- an understanding of the development and use of automated and emerging technologies.

Content Overview:

Candidates study the following topics:

Computer systems

1) Data representation
2) Data transmission
3) Hardware
4) Software
5) The internet and its uses
6) Automated and emerging technologies

Algorithms, programming and logic

7) Algorithm design and problem-solving
8) Programming
9) Databases
10) 1Boolean logic

Assessment Overview:

All candidates take two components. Candidates will be eligible for grades 9 to 1, where 9 is the highest grade.

Paper 1 – Computer Systems	Paper 2 - Algorithms, Programming and Logic
Duration: 1 hour 45 minutes 50% of total IGCSE 75 marks available **Style:** Short-answer and structured questions. Questions will be based on Topics 1–6 of the subject content. All questions are compulsory No calculators are permitted Externally assessed	**Duration:** 1 hours 45 minutes 50% of total IGCSE 75 marks available **Style:** Short-answer and structured questions and a scenario-based question. Questions will be based on Topics 7–10 of the subject content. All questions are compulsory No calculators are permitted Externally assessed

Subject:	Economics IGCSE	Course Code:	0987
Exam Board:	CIE	Grading:	9 - 1

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.

The aims are to enable students to:

- know and understand economic terminology, concepts and theories
- use basic economic numeracy and interpret economic data
- use the tools of economic analysis
- express economic ideas logically and clearly in a written form
- apply economic understanding to current economic issues.

Content Overview:

1. The basic economic problem

The first section of the syllabus introduces the fundamental ideas and concepts that underpin the study of economics including the basic economic problem, factors of production, opportunity cost and production possibility curves.

2. The allocation of resources

The fundamental principles of resource allocation are considered through the price mechanism in a market economy. The market forces of demand and supply, market equilibrium and disequilibrium, and elasticity form the core of this section.

3. Microeconomic decision makers

The microeconomy is an important area of study, and the approach to learning taken here is through the role of the major decision makers: banks, households, workers, trade unions and firms.

4. Government and the macroeconomy

Governments have different macroeconomic aims, and conflicts often arise between the choices of measures used to achieve them. Variables must be measured to consider the causes and consequences of change, and appropriate policies applied.

5. Economic development

As an economy develops there will be changes in population, living standards, poverty and income redistribution. Therefore, the effects of changes in the size and structure of population and of other influences on development in a variety of countries are explored.

6. International trade and globalisation

The importance of trade between countries and the growth of globalisation is explored. Principles such as specialisation, the role of free trade, the role of multinational companies, foreign exchange rates and balance of payments stability are considered.

Assessment Overview:

All candidates take two components. Candidates will be eligible for grades 9 to 1, where 9 is the highest grade.

Paper 1	Paper 2
Duration: 45 minutes **Style:** Multiple Choice 30% of total IGCSE 30 marks available Candidates answer all 30 questions Externally assessed	**Duration:** 2 hours 15 minutes **Style:** Structured Questions 70% of total IGCSE 90 marks available Candidates answer one compulsory question and three questions from a choice of four. Externally assessed

Subject:	**English Second Language IGCSE**	**Course Code:**	**9280**
Exam Board:	**AQA**	**Grading:**	**9 - 1**

Aims of the Course:

The study of English will broaden students horizons and encourage them to step beyond familiar cultural boundaries and develop new ways of seeing the world.

Courses based on this specification will enable students to:

• develop their ability to communicate confidently, coherently and appropriately with native speakers in speech and writing

• listen to and understand clearly articulated, standard speech at near normal speed

• deepen their knowledge about how language works and enrich their vocabulary to increase their independent use and understanding of English in a range of written and spoken contexts

• express and develop thoughts and ideas spontaneously and fluently

• acquire new knowledge, skills and ways of thinking through the ability to understand and respond to authentic spoken and written material

• develop language learning skills for immediate use and to prepare them for further language study in school, higher education or employment.

Content Overview:

The course covers a range of themes that are used to meet to develop the skills necessary to meet the following assessment objectives:

AO1 READING: UNDERSTAND AND RESPOND TO WRITTEN LANGUAGE

R1: Identify and select relevant detail, key points and ideas.

R2: Show understanding of vocabulary, ideas and purpose.

R3: Collate, organise and present relevant detail.

R4: Draw inferences, make deductions, and recognise implicit meaning.

AO2 WRITING: COMMUNICATE IN WRITING

W1: Write short texts to convey meaning and exchange information.

W2: Produce clear and coherent text of extended length to present key points, details and ideas.

W3: Make accurate use of vocabulary and grammatical structures; spell and punctuate accurately.

W4: Manipulate the language with increasing fluency and creativity for a variety of purposes.

AO3 LISTENING: UNDERSTAND AND RESPOND TO SPOKEN LANGUAGE

L1: Identify key details from a range of short and longer texts.

L2: Identify the overall message and key points in a variety of short and longer spoken texts, involving some more complex language.

L3: Understand and collate information from a variety of short and longer spoken texts, involving some complex language and more abstract material.

L4: Recognise purpose, implied meaning, attitudes and feelings in extended texts.

AO4 SPEAKING: COMMUNICATE AND INTERACT IN SPEECH

S1: Communicate clearly using speech appropriate to situation and audience.

S2: Make appropriate and accurate use of a variety of vocabulary and grammatical structures.

S3: Produce extended sequences of speech, answering and, as appropriate, asking questions, and expressing opinions with spontaneity and fluency.

S4: Demonstrate appropriate pronunciation and intonation.

Assessment Overview:

Students must take all four assessments. All assessments must be taken in the same series.

Paper – Reading **What's assessed**: Understanding and responding to different types of written language. **Duration:** 1 hour 15 minutes **Style:** Questions Short answer questions and multiple choice questions in response to written passages ➢ 60 marks ➢ 30% of international GCSE assessment ➢ Externally Assessed	**Paper – Writing** **What's assessed**: Communicating effectively in writing for a variety of purposes. **Duration:** 1 hour 15 minutes **Style:** There are four tasks which test a range of writing skills. The tasks increase in level of challenge, as do the marks awarded. Each of the first three tasks will be based on one of the themes named in the Subject content. The final task will allow students to draw on their study in one or more of the named themes ➢ 60 marks ➢ 30% of international GCSE assessment ➢ Externally Assessed
Paper – Listening **What's assessed**: Understanding and responding to different types of spoken language. **Duration:** 45 minutes **Style:** Students will be asked to listen to and answer questions on a range of spoken texts – 40 marks. (Each exam includes 5 minutes reading time of the question paper before the listening stimulus is played.) ➢ 40 marks ➢ 20% of international GCSE assessment ➢ Externally Assessed	**Paper – Listening** **What's assessed**: Communicating and interacting effectively in speech for a variety of purposes. **Duration:** Photocard – 15 marks (3–4 minutes) General conversation – 25 marks (6–7 minutes) **Style:** Non-exam assessment 10 minutes + preparation time for the photo card and general conversation tasks. ➢ 40 marks ➢ 20% of international GCSE assessment ➢ Audio recorded by teacher and marked by examiner.

Subject:	**French Modern Foreign Language IGCSE**	**Course Code:**	**7156**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.

The aims are to enable students to:

• develop the language proficiency required to communicate effectively in French at level A2 (CEFR Basic User), with elements of level B1 (CEFR Independent User)

• offer insights into the culture and society of countries and communities where French is spoken • develop awareness of the nature of language and language learning

• encourage positive attitudes towards speakers of other languages and a sympathetic approach to other cultures

• provide enjoyment and intellectual stimulation

• develop transferable skills (e.g. memorising, drawing of inferences) to complement other areas of the curriculum

• form a sound base of the skills, language and attitudes required for progression to work or further study, either in French or another subject area.

Content Overview:

The subject content is organised in five broad topic areas (A–E below).
These provide contexts for the acquisition of vocabulary and the study of grammar and structures. The study of these topic areas enables students to gain an insight into countries and communities where French is spoken.

The five topic areas listed below are described in more detail in section 3.
A. Everyday activities
B. Personal and social life
C. The world around us
D. The world of work
E. The international world

The syllabus gives students opportunities to develop and apply a wide range of foreign language skills. Candidates will be expected to read and understand a variety of written and spoken texts on familiar topics. Candidates will be required to demonstrate understanding of the main ideas, opinions and attitudes, as well as select and extract relevant details and deduce the meaning of occasional unknown words from context. They will also have opportunities to write in French on familiar, everyday topics, and to speak the language by taking part in everyday conversations.

Assessment Overview:

All candidates take all four papers. Candidates will be eligible for grades 9 to 1.

Paper 1 - Listening **Duration:** Approximately 50 minutes **Style:** Candidates listen to a number of recordings and answer multiple-choice and matching questions. 25% of total IGCSE 40 marks available Externally assessed	**Paper 2 - Reading** **Duration:** 1 hour **Style:** Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers. 25% of total IGCSE 45 marks available Externally assessed
Paper 3 - Speaking **Duration:** Approximately 10 minutes **Style:** Candidates complete one role play and conversations on two topics. 25% of total IGCSE 40 marks available Internally assessed and externally moderated	**Paper 4 - Writing** **Duration:** 1 hour **Style:** Candidates complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog. 25% of total IGCSE 45 marks available Externally assessed

Subject:	**ICT IGCSE**	**Course Code:**	**0983**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.
The aims are to enable students to develop:

• an understanding of the basic components, use and application of different ICT systems and networks
• the skills to analyse, design, implement, test and evaluate ICT systems
• the skills to understand the impact of current and new technologies on methods of working in the outside world
• the ability to recognise potential risks when using ICT, and use safe, secure and responsible practice.

Content Overview:

Candidates study the following topics:

1) Types and components of computer systems
2) Input and output devices 3
3) Storage devices and media
4) Networks and the effects of using them
5) The effects of using IT
6) ICT applications
7) The systems life cycle
8) Safety and security
9) Audience
10) Communication
11) File management
12) Images
13) Layout
14) Styles
15) Proofing
16) Graphs and charts
17) Document production
18) Databases
19) Presentations
20) Spreadsheets
21) Website authoring

Assessment Overview:

Paper 1 - Theory **Duration:** 1 hour 30 minutes **Style:** Questions will be based on sections 1–21 of the subject content. All questions are compulsory ➢ 40% of total IGCSE ➢ 80 marks available ➢ Externally assessed	**Paper 2 - Document Production, Databases and Presentations** **Duration:** 2 hours 15 minutes **Style:** This test assesses the practical skills needed to use the applications covered in sections 17, 18 and 19 of the subject content. Candidates must demonstrate the practical skills relevant to sections 11–16. All tasks are compulsory ➢ 30% of total IGCSE ➢ 70 marks available ➢ Externally assessed

Paper 3 - Spreadsheets and Website Authoring
Duration: 2 hours 15 minutes
Style: This test assesses the practical skills needed to use the applications covered in sections 20 and 21 of the subject content. Candidates must demonstrate the practical skills relevant to sections 11–16.
All tasks are compulsory
30% of total IGCSE
70 marks available
Externally assessed

Subject:	**Human Biology IGCSE**	**Course Code:**	**4HB1**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to:

• learn about human body systems and how they interact to support the healthy functioning of an individual and apply this knowledge in new and changing situations
• acquire knowledge and understanding of human biological facts, terminology, systems and practical techniques
• apply the principles and concepts of biology in relation to the health of individuals and populations in different contexts
• evaluate biological information, making judgements for the implications for human biology on the basis of this information
• appreciate the practical nature of human biology, developing experimental and investigative skills based on correct and safe laboratory techniques
• know that practical work carried out directly on humans is limited due to ethical and moral considerations
• analyse, interpret and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations
• recognise the importance of accurate experimental work and reporting as scientific methods in human biology
• select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions
• develop a logical approach to problem solving in a wider context
• select and apply appropriate areas of mathematics relevant to human biology as set out under each topic
• prepare for more advanced courses in biology and for other courses that require knowledge of human biology, such as health and social care.

Content Overview:

Candidates study the following topics:

1) Cells and tissues
2) Biological molecules
3) Movement of substances in and out of cells
4) Bones, muscles and joints

5) Coordination
6) Nutrition and energy
7) Respiration
8) Gas exchange
9) Internal transport
10) Homeostatic mechanisms
11) Reproduction and heredity
12) Disease

Assessment Overview:

Human Biology - Paper 1	Human Biology - Paper 2
***Paper code 4HB1/01** **Duration:** 1 hour 45 minute **Style:** 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. ➢ 50% of the total International GCSE ➢ The total number of marks is 90. ➢ Externally assessed	***Paper code 4HB1/02** **Duration:** 1 hour 45 minute **Style:** 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. ➢ 50% of the total International GCSE ➢ The total number of marks is 90. ➢ Externally assessed

Subject:	Mathematics IGCSE	Course Code:	4MA1 /H
Exam Board:	Edexcel	Grading:	9 - 1

Aims of the Course:

The Pearson Edexcel International GCSE in Mathematics (Specification A) qualification enables students to:
• develop their knowledge and understanding of mathematical concepts and techniques
• acquire a foundation of mathematical skills for further study in the subject or related areas
• enjoy using and applying mathematical techniques and concepts, and become confident in using mathematics to solve problems
• appreciate the importance of mathematics in society, employment and study.

Content Overview:

Higher Tier
1) Numbers and the number system
2) Equations, formulae and identities
3) Sequences, functions and graphs
4) Geometry and trigonometry
5) Vectors and transformation geometry
6) Statistics and probability

Assessment Overview:

Paper 1 (1H)	Paper 2 (2H)
Duration: 2 hour examination	**Duration:** 2 hour examination

Style: 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). 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. A Higher Tier formulae sheet will be included in the written examinations. A calculator may be used in the examinations. The total number of marks for each paper is 100. 50 % of total IGCSE Externally Assessed.	**Style:** 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). 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. A Higher Tier formulae sheet will be included in the written examinations. A calculator may be used in the examinations. The total number of marks for each paper is 100. 50 % of total IGCSE Externally Assessed.

Subject:	**Physics IGCSE**	**Course Code:**	**0972**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims describe the purposes of a course based on this syllabus.
The aims are to enable students to:

- acquire scientific knowledge and understanding of scientific theories and practice
- develop a range of experimental skills, including handling variables and working safely
- use scientific data and evidence to solve problems and discuss the limitations of scientific methods
- communicate effectively and clearly, using scientific terminology, notation and conventions
- understand that the application of scientific knowledge can benefit people and the environment
- enjoy science and develop an informed interest in scientific matters which support further study.

Content Overview:

Candidates study the following topics:

1) Motion, forces and energy
2) Thermal physics
3) Waves
4) Electricity and magnetism
5) Nuclear physics
6) Space physics

Assessment Overview:

All candidates take three papers.
Pupils will study the Extended syllabus content (Core and Supplement), and are expected to achieve a grade 4 or above.
They will be entered for Paper 2, Paper 4 and either Paper 5 or Paper 6.
Pupils will be eligible for grades 9 to 1, where 9 is the highest grade.

Extended assessment

Extended candidates take Paper 2 and Paper 4.

The questions are based on the Core and Supplement subject content:

Paper 2: Multiple Choice (Extended) **Duration:** 45 minutes **Style:** 40 four-option multiple-choice questions ➢ 40 marks available ➢ 30% of total IGCSE ➢ Externally assessed	**Paper 4: Theory (Extended)** **Duration:** 1 hour 15 minutes **Style:** Short-answer and structured questions ➢ 80 marks ➢ 50% of total IGCSE ➢ Externally assessed
Paper 6: Alternative to Practical The alternative to practical assessment requires the same experimental skills to be developed and learned as in the practical assessment. Pupils require an understanding of the same experimental contexts. The written paper tests the same assessment objective, AO3.	**Paper 6: Alternative to Practical** **Duration:** 1 hour **Style:** This paper tests assessment objective AO3 Candidates will not be required to do experiments as part of this test, but all items in the test are compulsory. ➢ 40 marks available ➢ 30% of total IGCSE ➢ Externally assessed

Subject:	**Sociology IGCSE**	**Course Code:**	**0495**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

Successful Cambridge IGCSE Sociology candidates gain lifelong skills, including:

• a better understanding of how we become who we are

• the ability to analyse human behaviour within their own society, between different cultures and across different periods of time

• an appreciation of the effects that choice of methodology can have on social science investigations

• the ability to use sociological evidence and ideas to challenge their own beliefs and the beliefs of other people about issues such as equality, education, the family and crime.

Content Overview:

Paper 1 Content

Unit 1: Theory and methods How do different sociologists interpret society? How do sociologists study society? What types of information and data do sociologists use?

Unit 2: Culture, identity and socialisation What is the relationship between the individual and society? How do we learn to be human?

Unit 3: Social inequality What is social stratification? What are the main features of social inequality and how are these created?

Paper 2 Content

Unit 4: Family What are the different types of family? How are family roles changing? What are the changes affecting the family?

Unit 5: Education What is the function of education? What factors help to explain differences in educational achievement?

Unit 6: Crime, deviance and social control What are crime, deviance and social control? What are the patterns of crime? What are the explanations of crime?

Unit 7: Media Who controls the media? What is the influence of the media?

Assessment Overview:	
Paper 1 **Duration:** 2 hours (including 15 minutes' reading time) **Style:** Candidates answer one compulsory data response question and one optional structured question from a choice of two. ➢ 80 marks available ➢ 54% of total IGCSE ➢ Externally assessed	**Paper 2** **Duration:** 1 hour 45 minutes (including 15 minutes' reading time) **Style:** Candidates answer two optional structured questions from a choice of four. ➢ 70 marks available ➢ 46% of total IGCSE ➢ Externally assessed

Subject:	Travel & Toursim IGCSE	Course Code:	0471
Exam Board:	CIE	Grading:	A* to G

Aims of the Course:

The aims are to enable students to develop:

• an understanding of the travel and tourism industry

• theoretical knowledge of the industry and related sectors, including knowledge of travel and tourism products and services, the infrastructure on which they depend and the transport system needed to operate them

• practical ability in a range of skills and procedures related to working in the travel and tourism industry, including knowledge of the essential personal and professional skills required by individuals working in the service sector

• critical awareness of the physical, social and economic environments in which travel and tourism takes place, including understanding of the global, regional and local perspectives of travel and tourism.

The syllabus develops a clear understanding of the relationship between the theory and practice of working in travel and tourism. Candidates are encouraged to develop an understanding of tourist industry operations and problems, and competence in identifying procedures and solutions, by using best practice from industry, established business techniques and information systems. Through investigation, candidates apply their knowledge and skills in a detailed study of a particular aspect of the travel and tourism industry.

Content Overview:

The syllabus content is organised into six study units.

These are used to explore the background to the travel and tourism industry and more specific areas. Candidates must study all units.

Unit 1: The travel and tourism industry

Unit 2: Features of worldwide destinations

Unit 3: Customer care and working procedures

Unit 4: Travel and tourism products and services
Unit 5: Marketing and promotion
Unit 6: The marketing and promotion of visitor services

Assessment Overview:

All candidates take two components.
Paper 1 (Core Paper) and Paper 2 (Alternative to Coursework)
Candidates will be eligible for grades A* to G.

Paper 1 - Core Paper	Paper 2 - Alternative to Coursework
Duration: 2 hours **Style:** Short answer question paper ➢ 60% of total IGCSE ➢ 100 marks available ➢ Externally assessed	**Duration:** 2 hours 30 minutes **Style:** Short answer question paper, based primarily on Unit 5 of the syllabus ➢ 40% of total IGCSE ➢ 100 marks available ➢ Externally assessed

International AS and A Level Course Overviews

Subject:	**Arabic IA2 International A-Level**	**Course Code:**	**YAA01**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The Advanced Level specification requires students to:
• use the Arabic language to present viewpoints, develop arguments, analyse and evaluate in writing
• understand and apply the grammatical system and a range of structures in Arabic as detailed in Arabic unit content: Grammar list
• study aspects of the contemporary society, cultural background and heritage of one or more of the Arabic-language countries or communities
• transfer meaning from English into Arabic. The knowledge and understanding requirements of this Advanced Subsidiary and Advanced Level specification are inextricably linked to the two language skills of reading and writing in Arabic in line with the requirements of the subject criteria.
Although speaking and listening skills are not directly assessed, it is anticipated that these will be developed in the course of general teaching to support this specification.

Content Overview:

Candidates study the following units:
Unit 1
Section A: Reading
Section B: Grammar
Section C: Essay
Unit 2
Section A: Translation
Section B: Creative/Discursive Essay
Section C: Research-based Essay

Assessment Overview:
Unit 1 – Understanding & Written Response ***Paper code WAA01/01** **Duration:** 2 hours 30 minute **Style:** **Section A:** Reading Students will need to understand, retrieve and convey information from a short series of different Arabic-language texts. They will be required to provide a mix of non-verbal and Arabic-language responses. In addition, marks will be given for vocalisation of text produced in response to one of the questions. **Section B:** Grammar Students will be assessed on their ability to manipulate Arabic language, grammar and lexis. They will be assessed on their ability to vocalise Arabic vowels and select the right word form over three distinct tasks focusing on a topic area to provide contextualisation. **Section C:** Essay Students will write a 240–280 word essay, in Arabic, in response to a short Arabic language stimulus and related bullet points. The assessment rewards learners for communicating relevant information effectively as well as for the quality of the Arabic language produced. ➢ 50% of total A Level qualification ➢ The total number of marks is 80. ➢ Externally assessed
Unit 2 – Writing & Research ***Paper code WAA02/01** **Duration:** 3 hours **Style:** **Section A:** Translation Students will be expected to undertake a short translation from English into Arabic. **Section B:** Creative/Discursive Essay Students will write a 240–280 word essay, in Arabic, in response to a short Arabic language stimulus. Students will choose to write creatively or discursively on the topic through two options provided. The assessment rewards students for communicating relevant information effectively as well as for the quality of the Arabic language produced. **Section C:** Research-based Essay Students must answer one question, in Arabic, that relates to a topic or a text chosen from the prescribed list featured in Section 2.4 (Set topics, texts and films). A choice of two questions will be offered for each of the prescribed topics and texts. Students should write 300–400 words. ➢ 50% of the total A Level qualification. ➢ The total number of marks is 80. ➢ Externally assessed

Subject:	**Biology IAL International AS Level**	**Course Code:**	**XBI11**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**
Aims of the Course:			

The aims and objectives of this qualification are to enable students to develop:

• essential knowledge and understanding of different areas of the subject and how they relate to each other

• a deep appreciation of the skills, knowledge and understanding of scientific methods

• competence and confidence in a variety of practical, mathematical and problem-solving skills

• their interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject.

Content Overview:

Candidates study the following topics:

Unit 1

• Molecules, Transport and Health

• Membranes, Proteins, DNA and Gene Expression

Unit 2

• Cell Structure, Reproduction and Development

• Plant Structure and Function, Biodiversity and Conservation

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 Units 1 and 2.

Assessment Overview:

Unit 1

***Paper code WBI11/01**

Duration: 1 hour 30 minute

Style: The paper may include multiple-choice, short-open, open-response, calculations and extended-writing questions. The paper will include a minimum of 8 marks that target mathematics at Level 2 or above. Students will be expected to apply their knowledge and understanding to familiar and unfamiliar contexts.

- 40% of the total AS Level qualification
- 20% of total A Level qualification
- The total number of marks is 80.
- Externally assessed

Unit 2

***Paper code WBI12/01**

Duration: 1 hour 30 minute

Style: The paper may include multiple-choice, short open, open-response, calculations and extended-writing questions. The paper will include a minimum of 8 marks that target mathematics at Level 2 or above. Students will be expected to apply their knowledge and understanding to familiar and unfamiliar contexts.

- 40% of the total AS Level qualification
- 20% of total A Level qualification
- The total number of marks is 80.
- Externally assessed

Unit 3

***Paper code**

Duration: 1 hour 20 minute

Style: The paper may include short-open, open-response and calculation questions. The paper will include a minimum of 5 marks that target mathematics at Level 2 or above. Students will be expected to apply their knowledge and understanding of practical skills to familiar and unfamiliar situations.

- 20% of the total AS Level qualification
- 10% of total A Level qualification
- The total number of marks is 50.
- Externally assessed

Subject:	Biology IA2 International A Level	Course Code:	YBI11
Exam Board:	Edexcel	Grading:	9 - 1

Aims of the Course:

The aims and objectives of this qualification are to enable students to:

- 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.
- The qualification will include questions that target mathematics at Level 2 or above.
- Overall, a minimum of 10% of the marks across the papers will be awarded for mathematics at Level 2 or above

Content Overview:

Candidates study the following topics:

Unit 4:

• Energy Flow, Ecosystems and the Environment
• Microbiology, Immunity and Forensics

Unit 5:

• Respiration, Muscles and the Internal Environment
• Coordination, Response and Gene Technology

Unit 6:

• Students are expected to develop further 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.

Assessment Overview:

Unit 4
***Paper code WBI14/01**
Duration: 1 hour 45 minute
Style: The paper may include multiple-choice, short-open, open-response, calculations and extended-writing questions. The paper will include a minimum of 9 marks that target mathematics at Level 2 or above. Students will be expected to apply their knowledge and understanding to familiar and unfamiliar contexts.

- 40% of the total AS Level qualification

Unit 5
***Paper code WBI15/01**
Duration: 1 hour 45 minute
Style: The paper may include multiple-choice, short-open, open-response, calculations and extended-writing questions. Pre-released reading (scientific article) will be provided for this assessment. The paper will include a minimum of 9 marks that target mathematics at Level 2 or above. Students will be expected to apply their knowledge and understanding to familiar and

➢ 20% of total A Level qualification ➢ The total number of marks is 90. ➢ Externally assessed	unfamiliar contexts. ➢ 40% of the total AS Level qualification ➢ 20% of total A Level qualification ➢ The total number of marks is 90. ➢ Externally assessed

Unit 6
***Paper code WBI16/01**
Duration: 1 hour 20 minute
Style: The paper may include short-open, open-response and calculation questions. The paper will include a minimum of 5 marks that target mathematics at Level 2 or above. Students will be expected to apply their knowledge and understanding of practical skills to familiar and unfamiliar situations.

- 20% of the total AS Level qualification
- 10% of total A Level qualification
- The total number of marks is 50.
- Externally assessed

Subject:	**Business AS / AL / A2**	**Course Code:**	**AS – 9609 SY AL – 9609 AY A2 – 9609 BY**
Exam Board:	**CIE**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to:

• understand and appreciate the role of enterprise and the contribution of business to society – locally, nationally and internationally
• develop critical understanding of business organisations, the markets they serve and the process of adding value
• evaluate business behaviour from the perspective of a range of stakeholders and consider their relative influence on business organisations
• develop an awareness of the political, economic, social, technological, legal, environmental and ethical issues that influence or may be influenced by business activity
• apply quantitative, problem-solving, decision-making and communication skills
• develop skills and knowledge needed for further study or employment in business.

Content Overview:

Candidates study the following topics:
Candidates for Cambridge International AS Level study the AS Level topics for Paper 1 and Paper 2.
Candidates for Cambridge International A Level study all topics

Units	AS Level Topics	A Level Topic
Business and its environment	1.1 Enterprise 1.2 Business structure 1.3 Size of business 1.4 Business objectives 1.5 Stakeholders in a business	6.1 External influences on business activity 6.2 Business strategy

Human resource management	2.1 Human resource management 2.2 Motivation 2.3 Management	7.1 Organisational structure 7.2 Business communication 7.3 Leadership 7.4 Human resource management strategy
Marketing	3.1 The nature of marketing 3.2 Market research 3.3 The marketing mix	8.1 Marketing analysis 8.2 Marketing strategy
Operations management	4.1 The nature of operations 4.2 Inventory management 4.3 Capacity utilisation and outsourcing	9.1 Location and scale 9.2 Quality management 9.3 Operations strategy
Finance and accounting	5.1 Business finance 5.2 Sources of finance 5.3 Forecasting and managing cash flows 5.4 Costs 5.5 Budgets	10.1 Financial statements 10.2 Analysis of published accounts 10.3 Investment appraisal 10.4 Finance and accounting strategy

Assessment Overview:

Paper 1 – Business Concepts 1
Duration: 1 hour 15 minutes
Style:
Section A: four short answer questions. There are two parts to the first three questions.
Section B: one essay from a choice of two. There are two parts to each essay. Questions are based on the AS Level subject content.

- 40% of the AS Level
- 20% of the A Level
- 40 Marks available
- Externally assessed

Paper 2 – Business Concepts 2
Duration: 1 hour 30 minutes
Style: Two data response questions. There are six parts to each question. Questions are based on the AS Level subject content.

- 60% of the AS Level
- 30% of the A Level
- 60 Marks available
- Externally assessed

Paper 3 – Business Decision Making
Duration: 1 hour 45 minutes
Style: Five questions based on a case study. There are three parts to Question 3 and two parts to Question 4. Questions are based on the A Level subject content; knowledge of material from the AS Level subject content is assumed.

- 30% of the A Level
- 60 Marks available
- Externally assessed

Paper 4 – Business Decision Making
Duration: 1 hour 15 minutes
Style: Two essay questions based on a case study. Questions are based on the A Level subject content; knowledge of material from the AS Level subject content is assumed.

- 20% of the A Level
- 40 Marks available
- Externally assessed

Subject:	**Chemistry AS & A Level**	**Course Code:**	**AS – XCH11 AL – YCH11**
Exam Board:	**EDEXCEL**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to develop:

• essential knowledge and understanding of different areas of the subject and how they relate to each other a deep appreciation of the skills, knowledge and understanding of scientific methods
• competence and confidence in a variety of practical, mathematical and problem-solving skills
• their interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject.

Content Overview:

Candidates study the following topics:

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. The qualification will include questions that target mathematics at Level 2 or above.
Overall, a minimum of 20% of the marks across the papers will be awarded for mathematics at Level 2 or above.

Unit 1

• Formulae, Equations and Amount of Substance
• Atomic Structure and the Periodic Table
• Bonding and Structure
• Introductory Organic Chemistry and Alkanes
• Alkenes

Unit 2

• Energetics
• Intermolecular Forces
• Redox Chemistry and Groups 1, 2 and 7
• Introduction to Kinetics and Equilibria
• Organic Chemistry: Alcohols, Halogenoalkanes and Spectra

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 Units 1 and 2.

Unit 4

• Kinetics
• Entropy and Energetics
• Chemical Equilibria
• Acid-base Equilibria
• Organic Chemistry: Carbonyls, Carboxylic Acids and Chirality

Unit 5

• Redox Equilibria
• Transition Metals and their Chemistry
• Organic Chemistry: Arenes
• Organic Synthesis
• Organic Nitrogen Compounds: Amines, Amides, Amino Acids and Proteins

Unit 6

Students are expected to develop further 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.

Assessment Overview:

Paper 1 - Structure, Bonding and Introduction to Organic Chemistry
***Paper code WCH11/01**
Duration: 1 hour 30 minutes
Style: This paper has two sections:
Section A: multiple choice questions
Section B: mixture of short-open, open-response and calculation questions.

- 40% of the total IAS
- 20% of the total IAL
- The total number of marks is 80
- Externally assessed

Paper 2 - Energetics, Group Chemistry, Halogenoalkanes and Alcohols
***Paper code WCH12/01**
Duration: 1 hour 30 minutes
Style: 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.

- 40% of the total IAS
- 20% of the total IAL
- The total number of marks is 80
- Externally assessed

Paper 3 – Practical Skills in Chemistry I
***Paper code WCH13/01**
Duration: 1 hour 20 minutes
Style: This paper may include short-open, open-response and calculation questions.

- 20% of the total IAS
- 10% of the total IAL
- The total number of marks is 50
- Externally assessed

Paper 4 –
***Paper code WCH14/01**
Duration: 1 hour 45 minutes
Style: 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: data or calculation question.

- 40% of the total IAS
- 20% of the total IAL
- The total number of marks is 90
- Externally assessed

Paper 5 - Transition Metals and Organic Nitrogen Chemistry
***Paper code WCH15/01**
Duration: 1 hour 45 minutes
Style: 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.

- 40% of the total IAS
- 20% of the total IAL
- The total number of marks is 90
- Externally assessed

Paper 6 – Practical Skills in Chemistry II
***Paper code WCH16/01**
Duration: 1 hour 20 minutes
Style: This paper may include short-open, open-response and calculation questions.

- 20% of the total IAS
- 10% of the total IAL
- The total number of marks is 50
- Externally assessed

Subject:	**Economics AS / AL / A2**	**Course Code:**	**AS – 9708 SX AL – 9708 AX A2 – 9708 BX**

Exam Board:	Edexcel	Grading:	9 – 1

Aims of the Course:

The aims and objectives of this qualification are to enable students to:

- know and understand the terminology, concepts, theories and principles of economics
- express ideas in writing and using statistics and diagrams, or other methods, where appropriate
- develop the habit of using works of reference as sources of information specific to economics
- read critically to gain information about the changes in the wider economic and social environment
- appreciate the methods of study that economists use, and the most effective ways economic information may be analysed, correlated, discussed, evaluated and presented
- develop an interest in and enthusiasm for economics that could lead to further study

Content Overview:

Candidates study the following topics:

Units	AS Level Topics	A Level Topic
Basic economic ideas and resource allocation	1.1 Scarcity, choice and opportunity cost 1.2 Economic methodology 1.3 Factors of production 1.4 Resource allocation in different economic systems 1.5 Production possibility curves 1.6 Classification of goods and services	
The price system and the microeconomy	2.1 Demand and supply curves 2.2 Price elasticity, income elasticity and cross elasticity of demand 2.3 Price elasticity of supply 2.4 The interaction of demand and supply 2.5 Consumer and producer surplus	7.1 Utility 7.2 Indifference curves and budget lines 7.3 Efficiency and market failure 7.4 Private costs and benefits, externalities and social costs and benefits 7.5 Types of cost, revenue and profit, short-run and long-run production 7.6 Different market structures 7.7 Growth and survival of firms 7.8 Differing objectives and policies of firms
Government microeconomic intervention	3.1 Reasons for government intervention in markets 3.2 Methods and effects of government intervention in markets 3.3 Addressing income and wealth inequality	8.1 Government policies to achieve efficient resource allocation and correct market failure 8.2 Equity and redistribution of income and wealth 8.3 Labour market forces and government intervention
The macroeconomy	4.1 National income statistics 4.2 Introduction to the circular flow of income	9.1 The circular flow of income 9.2 Economic growth and sustainability 9.3 Employment/unemployment

	4.3 Aggregate Demand and Aggregate Supply analysis 4.4 Economic growth 4.5 Unemployment 4.6 Price stability	9.4 Money and banking
Government macroeconomic intervention	5.1 Government macroeconomic policy objectives 5.2 Fiscal policy 5.3 Monetary policy 5.4 Supply-side policy	10.1 Government macroeconomic policy objectives 10.2 Links between macroeconomic problems and their interrelatedness 10.3 Effectiveness of policy options to meet all macroeconomic objectives
International economic issues	6.1 The reasons for international trade 6.2 Protectionism 6.3 Current account of the balance of payments 6.4 Exchange rates 6.5 Policies to correct imbalances in the current account of the balance of payments	11.1 Policies to correct disequilibrium in the balance of payments 11.2 Exchange rates 11.3 Economic development 11.4 Characteristics of countries at different levels of development 11.5 Relationship between countries at different levels of development 11.6 Globalisation

Assessment Overview:

Paper 1 – AS Level Multiple Choice **Duration:** 1 hour **Style:** 30 Multiple-choice questions. Questions are based on the AS Level subject content. ➢ 33% of the AS Level ➢ 17% of the A Level ➢ The total number of marks is 30 ➢ Externally assessed	**Paper 2 -** AS Level Data Response and Essays **Duration:** 2 hours **Style:** Section A: one data response question (20 marks) Section B: one essay from a choice of two on microeconomics; there are two parts to each essay question (20 marks) Section C: one essay from a choice of two on macroeconomics; there are two parts to each essay question (20 marks) Questions are based on the AS Level subject content. ➢ 67% of the AS Level ➢ 33% of the A Level ➢ The total number of marks is 60 ➢ Externally assessed
Paper 3 – A-Level Multiple Choice **Duration:** 1 hour 15 minutes **Style:** 30 multiple-choice questions. Questions are based on the A Level subject content; knowledge of material from the AS Level subject content is assumed. ➢ 17% of the A Level ➢ The total number of marks is 30 ➢ Externally assessed	**Paper 4 -** A Level Data Response and Essays **Duration:** 2 hours **Style:** Section A: one data response question (20 marks) Section B: one essay from a choice of two on microeconomics; the essay questions are unstructured with no parts (20 marks) Section C: one essay from a choice of two on macroeconomics; the essay questions are unstructured with no parts (20 marks)

	➢ 33% of the A Level ➢ The total number of marks is 60 ➢ Externally assessed

Subject:	**Pure Mathematics AS (11&12)**	**Course Code:**	**AS - WMA11 AS - WMA12**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to:

• develop their understanding of mathematics and mathematical processes in a way that promotes confidence and fosters enjoyment

• develop abilities to reason logically and recognise incorrect reasoning, to generalise and to construct mathematical proofs

• extend their range of mathematical skills and techniques and use them in more difficult, unstructured problems

• 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

• use mathematics as an effective means of communication

• read and comprehend mathematical arguments and articles concerning applications of mathematics

• 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.

Content Overview:

Candidates study the following topics:

P1 - Unit description:

Algebra and functions; coordinate geometry in the (x,y); trigonometry; differentiation; integration.

P2 - Unit description:

Proof; algebra and functions; coordinate geometry in the (x, y) plane; sequences and series; exponentials and logarithms; trigonometry; differentiation; integration.

Assessment Overview:

Unit P1 – Pure Mathematics ***Paper code WMA11** **Duration:** 1 hour 30 minutes **Style:** Students must answer all questions. Calculators may be used in the examination. The booklet Mathematical Formulae and Statistical Tables will be	**Unit P2 – Pure Mathematics** ***Paper code WMA12** **Duration:** 1 hour 30 minutes **Style:** A knowledge of the specification for P1 and its associated formulae is assumed and may be tested. Students must answer all questions. Calculators may be

provided for use in the assessments. ➢ 50% of the IAS ➢ The total number of marks is 75 ➢ Externally assessed	used in the examination. The booklet Mathematical Formulae and Statistical Tables will be provided for use in the assessments. ➢ 50% of the IAS ➢ The total number of marks is 75 ➢ Externally assessed

Subject:	**A2 Mathematics Pure**	**Course Code:**	**A2 - WMA13 A2 - WMA14**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to:
Same aims as above in the AS Level.

Content Overview:

Candidates study the following topics:

P3 - Unit description

Algebra and functions; trigonometry; exponentials and logarithms; differentiation; integration; numerical methods.

P4 - Unit description

Proof; algebra and functions; coordinate geometry in the (x, y) plane; binomial expansion; differentiation; integration; vectors.

Assessment Overview:

Unit P3 – Pure Mathematics ***Paper code WMA13** **Duration:** 1 hour 30 minutes **Style:** A knowledge of the specifications for P1 and P2, their prerequisites and associated formulae, is assumed and may be tested. Students must answer all questions. Calculators may be used in the examination. The booklet Mathematical Formulae and Statistical Tables will be provided for use in the assessments. ➢ 25% of the total IAL ➢ The total number of marks is 75 ➢ Externally assessed	**Unit P4 – Pure Mathematics** ***Paper code WMA14** **Duration:** 1 hour 30 minutes **Style:** A knowledge of the specifications for P1, P2 and P3, their prerequisites and associated formulae, is assumed and may be tested. Students must answer all questions. Calculators may be used in the examination. The booklet Mathematical Formulae and Statistical Tables will be provided for use in the assessments. ➢ 25% of the total IAL ➢ The total number of marks is 75 ➢ Externally assessed

Subject:	**Mathematics – Mechanics M1 / M2**	**Course Code:**	**M1 - WME01 (IAS Level) M2 – WME02 (IAL Level)**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to:
Same as outlined in the Pure Maths AS level.

Content Overview:

Mechanics M1 and M2 are optional units for the IAS and IAL.

Candidates study the following topics:
M1 - Unit description:
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.
M2 – Unit description
Kinematics of a particle moving in a straight line or plane; centres of mass; work and energy; collisions; statics of rigid bodies.

Assessment Overview:

M1 - Mechanics	M2 - Mechanics
***Paper code WME01** **Duration:** 1 hour 30 minutes **Style:** Prerequisites A knowledge of P1 and P2 and associated formulae and of vectors in two dimensions. Students must answer all questions. Calculators may be used in the examination. The booklet Mathematical Formulae and Statistical Tables will be provided for use in the assessments. ➢ The total number of marks is 75 ➢ Externally assessed	***Paper code WME02** **Duration:** 1 hour 30 minutes **Style:** A knowledge of the specifications for P1, P2, P3, P4 and M1, and their prerequisites and associated formulae, is assumed and may be tested. Students must answer all questions. Calculators may be used in the examination. The booklet Mathematical Formulae and Statistical Tables will be provided for use in the assessments. ➢ The total number of marks is 75. ➢ Externally assessed

Subject:	**Mathematics – Statistics S1 / S2**	**Course Code:**	**S1 - WST01 (IAS Level) S2 - WST02 (IAL Level)**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to:
Same as outlined in the Pure Maths AS level.

Content Overview:

Statistics S1 and S2 are optional units for the IAS and IAL.

Candidates study the following topics:
S1 - Unit description

Mathematical models in probability and statistics; representation and summary of data; probability; correlation and regression; discrete random variables; discrete distributions; the Normal distribution.

S2 - Unit description

The Binomial and Poisson distributions; continuous random variables; continuous distributions; samples; hypothesis tests.

Assessment Overview:

S1 – Statistics (IAS Level)	S2 – Statistics (IAL Level)
***Paper code WST01** **Duration:** 1 hour 30 minutes **Style:** Students must answer all questions. Calculators may be used in the examination. The booklet Mathematical Formulae and Statistical Tables will be provided for use in the assessments. ➢ The total number of marks is 75 ➢ Externally assessed	***Paper code WST02** **Duration:** 1 hour 30 minutes **Style:** A knowledge of the specification for S1 and its prerequisites and associated formulae, together with a knowledge of differentiation and integration of polynomials, binomial coefficients in connection with the binomial distribution and the evaluation of the exponential function, is assumed and may be tested. Students must answer all questions. Calculators may be used in the examination. The booklet Mathematical Formulae and Statistical Tables will be provided for use in the assessments. ➢ The total number of marks is 75 ➢ Externally assessed

Subject:	**Physics** **AS/ AL/ A2**	**Course Code:**	**AS – 9708 S1, S2** **AL – 9708 AX** **A2 – 9708 BX**
Exam Board:	**Edexcel**	**Grading:**	**9 - 1**

Aims of the Course:

The aims and objectives of this qualification are to enable students to:

The aims are to enable students to:

• acquire knowledge and understanding and develop practical skills, including efficient, accurate and safe scientific practices

• learn to apply the scientific method, while developing an awareness of the limitations of scientific theories and models

• develop skills in data analysis, evaluation and drawing conclusions, cultivating attitudes relevant to science such as objectivity, integrity, enquiry, initiative and inventiveness

• develop effective scientific communication skills, using appropriate terminology and scientific conventions

• understand their responsibility to others/society and to care for the environment

• enjoy science and develop an informed interest in the subject that may lead to further study

Content Overview:

Candidates for Cambridge International AS Level Physics study the following topics: **1)** Physical quantities and units **2)** Kinematics **3)** Dynamics **4)** Forces, density and pressure **5)** Work, energy and power **6)** Deformation of solids **7)** Waves **8)** Superposition **9)** Electricity **10)** D.C. circuits **11)** Particle physics **AS Level candidates also study practical skills.**	**Candidates for Cambridge International A Level Physics study the AS Level topics and the following topics:** **12)** Motion in a circle **13)** Gravitational fields **14)** Temperature **15)** Ideal gases **16)** Thermodynamics **17)** Oscillations **18)** Electric fields **19)** Capacitance **20)** Magnetic fields **21)** Alternating currents **22)** Quantum physics **23)** Nuclear physics **24)** Medical physics **25)** Astronomy and cosmology **A level candidates also study practical skills.**
Assessment Overview:	
Paper 1 – Multiple Choice Questions **Duration:** 1 hour 15 minutes **Style:** 40 Multiple Choice Questions based on the AS Level syllabus content. ➢ 31% of the AS Level ➢ 15.5% of the A Level ➢ The total number of marks is 40 ➢ Externally assessed	**Paper 2 -** AS Level Structured Questions **Duration:** 1 hour 15 minutes **Style:** Structured questions. Questions are based on the AS Level syllabus content. ➢ 46% of the AS Level ➢ 23% of the A Level ➢ The total number of marks is 60 ➢ Externally assessed
Paper 3 – Advanced Practical Skills **Duration:** 2 hours **Style:** Practical work and structured questions. Questions are based on the experimental skills in the Practical assessment section of the syllabus. The context of the questions may be outside the syllabus content. ➢ 23% of the AS Level ➢ 11.5% of the A Level ➢ The total number of marks is 40 ➢ Externally assessed	**Paper 4 –** A Level Structured Questions **Duration:** 2 hours **Style:** Structured questions. Questions are based on the A Level syllabus content; knowledge of material from the AS Level syllabus content will be required. ➢ 38.5% of the A Level ➢ The total number of marks is 100 ➢ Externally assessed
Paper 5 – Planning, Analysis and Evaluation **Duration:** 1 hour 15 minutes **Style:** Candidates answer two compulsory questions. Questions are based on the experimental skills in the Practical assessment section of the syllabus. The context of the questions may be outside the syllabus content. ➢ 11.5% of the A Level ➢ The total number of marks is 30 ➢ Externally assessed	