

IGCSE'S AT BCIS





BRITISH CONCORDANCE INTERNATIONAL SCHOOL

IGCSE COURSE HANDBOOK

YEARS 10 - 11

Two-year courses

**Curriculum with copyrighted content:
Pearson/Edexcel, IGCSE curriculum**



Table of Contents

BCIS Mission Statement:.....	3
BCIS Values:.....	3
BCIS Objectives.....	3
Overview of courses offered to students in Years 10 and 11.....	4
1. English Language.....	5
2. English (as an Additional Language) for non-Native speakers.....	8
3. English Literature.....	11
4. คณิตศาสตร์ (Mathematics B) IGCSE Year 10 & 11.....	13
5. บัญชี (Accounting).....	15
6. ศิลปะและการออกแบบ (Art and Design).....	17
7. ชีววิทยา (Biology).....	20
8. ธุรกิจศึกษา (Business).....	22
9. เคมี (Chemistry).....	25
10. ภาษาจีน Chinese - First Language (for Chinese students).....	28
11. พาณิชยกรรม (Commerce).....	31
12. คอมพิวเตอร์ (Computer Science).....	34
13. เศรษฐศาสตร์ (Economics).....	37
15. ภูมิศาสตร์ (Geography).....	42
17. วิถีพลโลก Global Citizenship.....	46
18. ประวัติศาสตร์ (History).....	48
19. เทคโนโลยีสารสนเทศและการสื่อสาร (Information and Communication Technology).....	51
23. ฟิสิกส์ (Physics).....	53
25. สเปน (Spanish).....	55
APPENDICES.....	58

BCIS

BCIS Mission Statement:

At BCIS we believe in creating a global environment that prepares our students to be creative, caring and independent thinkers. We work tirelessly to provide an international education in a beautiful, modern and well-designed educational environment.

BCIS Values:

Communitās Scientia Virtus (Community, Knowledge, Character)

The BCIS values were chosen to represent the core principals our school aims to instil in all our students.

BCIS Objectives

BCIS is committed to:

1. provide an educational environment that develops students' curiosity and creativity.
2. develop responsible and engaged learners.
3. foster tolerance, respect, and acceptance of others.
4. build each student's resilience and self-esteem.
5. provide a curriculum that is rich and relevant and allows all students to succeed.
6. promote a strong, supportive partnership between the school and the wider community.
7. have high expectations of ourselves and others.

Overview of courses offered to students in Years 10 and 11

Our Pearson Edexcel and Cambridge International GCSEs are UK international academic qualifications for Year 10 and 11 students. International GCSEs enable a seamless progression from towards International Advanced levels.

IGCSE (International General Certificate of Secondary Education) courses are designed to provide a broad and balanced education for students aged 14 to 16. These courses serve as a foundation for further academic study or entry into the workforce.

Overview of IGCSE Courses:

Core Subjects: Students usually take a core set of subjects which often include English Language, Mathematics, and Science (which can be divided into Physics, Chemistry, and Biology or a combined Science course).

Additional Subjects: Alongside the core subjects, students have the flexibility to choose additional subjects based on their interests, strengths, and career aspirations. These include Humanities (such as History, Geography), Languages (such as Spanish, French, Mandarin), Arts (like Art and Design, Music), and other specialized subjects like Business Studies, Computer Science, etc.

Assessment: Assessment in IGCSE courses is typically examination-based, with some subjects also incorporating coursework or practical assessments.

Global Recognition: IGCSE courses are recognised and accepted by universities and employers worldwide, providing students with a globally respected qualification.

Selecting Subjects:

When selecting subjects from the IGCSE curriculum, students should consider several factors:

Interest and Strengths: Choose subjects that align with personal interests, strengths, and future career aspirations. It's essential to enjoy and excel in the subjects chosen.

University or Career Goals: Consider the prerequisites or recommended subjects for specific university courses or career paths. Some universities or careers might require particular subjects as entry requirements.

Balance and Diversity: Aim for a balanced selection of subjects across different disciplines, ensuring a well-rounded education. Having diversity in subjects can also keep future options open.

Consultation: Seek advice from teachers, school counsellors, or subject advisors to understand the demands and expectations of different subjects. They can provide insights into the coursework, workload, and potential career paths related to specific subjects.

Long-Term Perspective: Consider the long-term implications of subject choices for higher education or future career opportunities.

Overall, the selection of IGCSE subjects should be a thoughtful process that considers both personal interests and practical considerations for future pathways. It's essential for students to make informed choices that suit their individual strengths and aspirations.

1. English Language

Pearson Edexcel International GCSE in English Language (Specification A) is part of a suite of International GCSE (Modular) qualifications offered by Pearson. The content features a relevant, up-to-date and engaging selection of texts ranging from British heritage to modern international texts.

It is 100 per cent external assessment. Learners may also complete the optional Spoken Language Endorsement. All assessments in the modular route are designed to be at the same standard, and there is no step up in difficulty between Unit 1 and Unit 2.

It builds a foundation for Learners wishing to progress to Pearson Edexcel International AS and Advanced Level in English Language, or equivalent qualifications.

Qualification aims

The aims of this qualification are to enable Learners to:

- read a wide range of texts fluently and with good understanding
- read critically and use knowledge gained from wide reading to inform and improve their own writing
- write effectively and coherently using Standard English appropriately
- use grammar correctly, punctuate and spell accurately
- acquire and apply a wide vocabulary alongside knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken language
- listen to and understand spoken language, and use spoken Standard English effectively. Spoken language will be reported as a separate grade on the learner's certificate.

Modular structure

The modular assessment structure offers learners the flexibility to sit examinations when they are ready and provides opportunities to resit individual unit assessments before receiving an overall qualification grade. The design of this International GCSE (Modular) aims to extend learners' knowledge and understanding by broadening and deepening skills, for example, learners develop the ability to:

- read and respond to material from a variety of sources
- make comparisons between texts and analyse the ways in which writers achieve their effects
- construct and convey meaning in written language, matching style to audience and purpose.

Development of spoken language skills

Learners are able to develop their understanding of the spoken word through an optional speaking and listening endorsement.

Qualification overview

The Pearson Edexcel International GCSE in English Language (Specification A) (Modular) consists of two mandatory units. Both units are available as paper-based and onscreen assessments.

- It is a modular qualification in which unit assessments can be sat and resat in any order.
- Assessments must be cashed in to obtain a final grade for the qualification.

- In addition, learners may be entered for an optional spoken language endorsement.

Content and assessment overview

Unit 1: Non-fiction Texts and Transactional Writing

- Externally assessed, Written examination: 2 hours 15 minutes
- 90 marks, 60% of the total International GCSE

Content overview

- The contemporary non-fiction texts from Part 1 of the Pearson Edexcel International GCSE English Anthology.
- Develop skills to analyse how writers use linguistic and structural devices to achieve their effects.
- Explore links and connections between writers' ideas and perspectives.
- Develop transactional writing skills for a variety of purposes and audiences.
- Use spelling, punctuation and grammar accurately.

Assessment overview

Section A: Reading – a combination of short and extended open-response questions related to a non-fiction text from Part 1 of the Pearson Edexcel International GCSE English Anthology and one previously unseen extract. Total of 45 marks.

Section B: Transactional Writing – one 45-mark writing task, from a choice of two involving a given audience, form or purpose.

Unit 2: Poetry and Prose Texts and Imaginative Writing

- Externally assessed, Written examination: 1 hour 30 minutes
- 60 marks - 40% of the total International GCSE

Content overview

- The poetry and prose texts from Part 2 of the Pearson Edexcel International GCSE English Anthology.
- Develop skills to analyse how writers use linguistic and structural devices to achieve their effects.
- Develop imaginative writing skills to engage the reader.
- Use spelling, punctuation and grammar accurately.

Assessment overview

Section A: Reading: one 30-mark essay question on a poetry or prose text from Part 2 of the Pearson Edexcel International GCSE English Anthology.

Section B: Imaginative Writing – one 30-mark imaginative writing task from a choice of three.

Spoken language endorsement (optional)

Internally assessed under controlled conditions with Oral examination: maximum 10 minutes

The spoken language presentation may take a variety of forms, including:

a) a speech or talk by a learner, followed by questions from the audience

b) a formal debate or dialogue, such as an interview where the learner is able to prepare extended responses to questions or prompts which have been shared in advance, followed by questions from the audience.

2. English (as an Additional Language) for non-Native speakers

The Pearson Edexcel International GCSE in English as a Second Language (ESL) is part of a suite of International GCSE qualifications offered by Pearson and is a linear qualification. All units must be taken at the end of the course of study.

Approach

This qualification builds a foundation for learners wishing to progress to further study, work and travel in English speaking environments. Topics relate to the interests of learners using English as a second language for purposes of communication, for example, in study, work and leisure situations. Contexts and settings will be those that learners are likely to encounter, for example, school, holiday and travel, and issues of global relevance.

Culturally sensitive and diverse reading and listening recordings will be used throughout the assessment and resource materials. Assessment is designed to measure achievement against many of the benchmarks of Levels A2 – B2 of the Council of Europe's Common European Framework of Reference for Languages (CEFR).

Qualification aims

Learners will be able to:

- understand written and spoken English language in a range of practical, familiar and unfamiliar contexts, and for a variety of purposes
- communicate effectively in written and spoken English using a range of vocabulary, grammar, and sentence structures
- effectively use English language grammar, sentence structures, and vocabulary.

This qualification aims to provide learners with the opportunity to explore and develop an understanding of the cultures and diverse communities where English is used around the world.

Key features

Topics have been selected both to engage learners and to equip them to use their language proficiency in a range of real-life situations, from socialising and travelling to education and employment.

The specification includes core vocabulary list (including suggested vocabulary list to cover optional subtopics) and grammar list, which will provide teachers and learners with confidence that they are well prepared for the assessment. Each of the four key language skills (reading, listening, writing, and speaking) are assessed separately and are equally weighted. 9–1 grades are mapped to CEFR levels, helping learners to achieve international recognition for their accomplishments.

Broad and deep development of learners' skills

The design of the revised International GCSE aims to extend learners' knowledge by broadening and deepening skills. Learners broaden their ability to:

- read for both gist and detail
- listen to an argument or discussion, understand the overall message and identify attitudes and opinion

- write in response to a given situation
- deliver a topic talk, as well as participate in extended discussion.

Assessment Overview

Paper 1: Reading

- Externally assessed, Written examination: 1 hour
- 50 marks - 25% of the total International GCSE

This paper assesses reading skills.

Passages will relate to topics detailed in this document. The paper will include a range of texts covering content taken from the compulsory subtopics. Passages will cover a broad range of text types, including information, explanation, opinion, and narrative texts. The texts will include a range of professional writing styles.

Paper 2: Listening

- Externally assessed with written examination: 45 minutes
- 50 marks - 25% of the total International GCSE

This paper assesses listening skills.

Recordings will relate to topics detailed in this document. The paper will include a range of recordings covering content taken from the compulsory subtopics . Recordings will cover a broad range of extracts including information requests, explanations, opinions, monologues, dialogues and narration. The recordings will include a range of styles.

Paper 3: Writing

- Externally assessed with written examination: 1 hour 15 minutes
- 50 marks - 25% of the total International GCSE

This paper assesses writing skills, including spelling, punctuation and grammar (SPaG). Tasks will relate to 5 Topics. The paper will include a range of the compulsory subtopics from Topics 1–4 and the learner's chosen optional subtopic. Learners will be required to write a range of text types including informative texts, explanatory text, discussions of opinions written, and advantages and disadvantages. There will be a written summary task. Tasks will prompt learners to make use of a range of informal, formal and professional writing styles.

Paper 4: Speaking

Externally assessed - Oral examination: 22–23 minutes

50 marks. - 25% of the total International GCSE

This paper assesses speaking skills including spontaneity, fluency and pronunciation. Tasks will relate to 5 Topics . The tasks will cover a range of the subtopics and the learner's chosen subtopic from Topic 5. Learners will be required to relate factual information, to deliver a speech, to discuss opinions or advantages and disadvantages, and to ask questions. There will be a pre-prepared topic talk task where learners will be required to speak in relation to their chosen subtopic for Topic 5 Global Issues. Tasks will prompt learners to use a range of speaking styles.

3. English Literature

Pearson Edexcel International GCSE in English Literature (Modular) is a modular qualification. All units are available in the June and November exam series and can be sat in any order or re-sat. The content features a relevant, up-to-date and engaging selection of texts, ranging from British heritage to modern international texts. It builds a foundation for learners wishing to progress to Pearson Edexcel International AS and Advanced Level in English Literature, or equivalent qualifications.

Qualification aims

The aims of this qualification are to enable learners to:

- engage with and develop the ability to read, understand and respond to a wide range of literary texts from around the world
- develop an appreciation of the ways in which writers achieve their literary effects
- develop the skills needed for literary study
- explore, through literature, the cultures of their own and other societies
- find enjoyment in reading literature and understand its influence on individuals and societies.

Qualification overview

The Pearson Edexcel International GCSE in English Literature (Modular) consists of two mandatory units. Both units are available as paper-based and onscreen assessments. It is a modular qualification in which unit assessments can be sat and resat in any order.

Content and assessment overview

Unit 1: Poetry and Modern Prose

- Externally assessed: Written examination: 2 hours
- 90 marks - 60% of the total International GCSE

Content overview

- The poetry collection from Part 3 of the Pearson Edexcel International GCSE English Anthology.
- One modern prose text from the list of set texts in this specification.
- Develop skills to analyse unseen poetry.
- Develop skills to analyse how language, form, structure and contextual factors can be used to create meanings and effects.
- Develop skills to maintain a critical style and informed personal response.
- Develop comparison skills.

Assessment overview

Section A – Unseen Poetry: one 20-mark essay question exploring the meaning and effects created in an unseen poem. The poem will be reproduced in the question paper.

Section B – Anthology Poetry: one 30-mark essay question from a choice of two, comparing two poems from Part 3 of the Pearson Edexcel International GCSE English Anthology.

Section C – Modern Prose: one 40-mark essay question from a choice of two on each of the set texts.

Unit 2: Modern Drama and Literary Heritage Texts

Externally assessed. Written examination: 1 hour and 30 minutes

60 marks - 40% of the total International GCSE

Content overview

- One modern drama text from the list of set texts in this specification.
- One literary heritage text from the list of set texts in this specification.**
- Develop skills to analyse how language, form, structure and contextual factors can be used to create meaning and effect.
- Develop skills to maintain a critical style and informed personal response.

Assessment overview

Section A – Modern Drama: one 30-mark essay question from a choice of two on each of the set texts.

Section B – Literary Heritage Texts: one 30-mark essay question from a choice of two on each of the set texts.

4. คณิตศาสตร์ (Mathematics B) IGCSE Year 10 & 11

The Pearson Edexcel International GCSE in Mathematics (Specification A) is part of a suite of International GCSE qualifications offered by Pearson. The Pearson Edexcel International GCSE in Mathematics (Specification A) is a linear qualification. It consists of two examinations available at Foundation and Higher Tier. Both examinations must be taken in the same series at the end of the course of study.

The content is relevant, engaging, up to date and of equivalent standard to Pearson's regulated GCSE in Mathematics.

Assessment: consists of tiers of entry (Foundation and Higher) that allow students to be entered for the appropriate level, with questions designed to be accessible to students of all abilities in that tier and papers that are balanced for topics and difficulty. It provides a solid basis for students wishing to progress to Edexcel AS and Advanced GCE Level, or equivalent qualifications.

The content and assessment approach for this Specification A qualification has been designed to meet learner needs in the following ways:

Tiered papers –

- Provided at two tiers of entry (Higher and Foundation) that allow students to be entered for a level appropriate to them with questions in each tier that are accessible to students of all abilities within that tier.

Clear and straightforward question papers –

- The question papers are clear and accessible for all students of all ability ranges and learning style. The mark schemes are straightforward, so that the assessment requirements are clear.

Qualification aims and objectives

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.

Overview of qualification

The Pearson Edexcel International GCSE in Mathematics (Specification A) requires students to demonstrate application and understanding of the following.

Number

- Use numerical skills in a purely mathematical way and in real-life situations.

Algebra

- Use letters as equivalent to numbers and as variables.
- Understand the distinction between expressions, equations and formulae.

- Use algebra to set up and solve problems.
- Demonstrate manipulative skills.
- Construct and use graphs.

Geometry

- Use properties of angles.
- Understand a range of transformations.
- Work within the metric system.
- Understand ideas of space and shape.
- Use ruler, compasses and protractor appropriately.

Statistics

- Understand basic ideas of statistical averages.
- Use a range of statistical techniques.
- Use basic ideas of probability.

Students should be able to demonstrate problem-solving skills by translating problems in mathematical or non-mathematical contexts into a process or a series of mathematical processes.

Students should be able to demonstrate mathematical reasoning skills by:

- making deductions and drawing conclusions from mathematical information
- constructing chains of reasoning
- presenting arguments and proofs
- interpreting and communicating information accurately.

Assessment information

- Each paper is assessed through a 2-hour examination set and marked by Pearson.
- The total number of marks for each paper is 100.
- Each paper will assess the full range of targeted grades at Foundation Tier (5–1).
- Each paper will have approximately equal marks available for each of the targeted grades.
- Diagrams will not necessarily be drawn to scale and measurements should not be taken from diagrams unless instructions to this effect are given.
- Each student may be required to use mathematical instruments, e.g. pair of compasses, ruler, protractor.
- A Foundation Tier formulae sheet will be included in the written examinations.
- Tracing paper may be used in the examinations.
- A calculator may be used in the examinations
- Questions will be set in SI units (international system of units).

5. บัญชี (Accounting)

Pearson Edexcel International GCSE in Accounting (Modular) is a modular qualification. The content is relevant up-to-date, engaging and appropriate for an international audience. It comprises two written unit assessments, allowing learners to demonstrate and apply their knowledge and understanding of accounting. All assessments in the modular route are designed to be at the same standard, and there is no step up in difficulty between Unit 1 and Unit 2. It builds a foundation for learners wishing to progress to Pearson Edexcel International Advanced Level in Accounting, or equivalent qualifications.

Qualification aims

The aims of this qualification are to enable learners to:

- understand the nature and purpose of accounting in business and organisations, and the principles on which accounting is based
- understand the use of accounting as an aid to business decision-making
- understand the use of accounting as a means of assessing the financial position of an organisation
- develop the ability to quantify, judge relevance and write clear and concise explanations.

Broad and deep development of skills

The design of this International GCSE (Modular) aims to extend learners' knowledge by broadening and deepening skills; for example, learners will:

- analyse, evaluate and present information in appropriate accounting formats
- respond appropriately to a range of question types, including multiple choice, short open-response, extended open-response questions and questions requiring completion of accounts
- develop an understanding of International Accounting Standard terminology – using International Financial Reporting Standards (IFRS) principles, procedures and techniques.

Qualification overview

Pearson Edexcel International GCSE in Accounting (Modular) consists of two mandatory units. Unit 2, which is more holistic in nature, builds on the knowledge, understanding and skills covered in Unit 1. *Unit 1: Introduction to Bookkeeping and Accounting*

Content overview

Learners must study all of the following topics:

- Topic 1: The accounting environment
- Topic 2: Introduction to bookkeeping
- Topic 3: Introduction to control processes

Assessment overview

- Section A comprises ten 1-mark multiple-choice questions and three short-answer questions worth 5 marks each.
- Section B comprises five multi-part questions, worth 15 marks each.

The questions in Unit 1 assessment are a combination of multiple-choice, short open-response and extended open-response questions. The written examination: 2 hours.

Unit 2: Financial Statements

Content overview

Learners must study both of the following topics:

- Topic 4: The preparation of financial statements
- Topic 5: Accounting for end of period adjustments

Assessment overview

Unit 2 assessment consists of two multi-part questions that focus on the preparation, analysis or evaluation of financial statements. Externally assessed with a written examination: 1 hour and 15 minutes

6. ศิลปะและการออกแบบ (Art and Design)

The Pearson Edexcel International GCSE in Art and Design is part of a suite of International GCSE qualifications offered by Pearson. The Pearson Edexcel International GCSE in Art and Design is a linear qualification and comprises five endorsed titles:

- Fine Art (4FA1)
- Graphic Communication (4GC1)
- Photography (4PY1)
- Textile Design (4TE1)
- Three-dimensional Design (4TD1).

Students must work in the same endorsed title for both components in order to be awarded an International GCSE grade. For example, if a student chooses Fine Art for component one, then they must continue with Fine Art for component two. Students can be entered for more than one endorsed title in any examination session. Each endorsed title will be awarded a separate International GCSE grade.

Assessment: comprises a personal portfolio and an externally-set assignment, allowing students to demonstrate their creativity and skills through mediums and subjects that inspire them.

Qualification aims and objectives

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

- actively engage in the creative process of art, craft and design in order to develop as effective and independent learners, and as critical and reflective thinkers with enquiring minds
- develop creative, imaginative and intuitive capabilities when exploring and making images, artefacts and products
- become confident in taking risks and learn from experience when exploring and experimenting with ideas, processes, media, materials and techniques
- develop critical understanding through investigative, analytical, experimental, practical, technical and expressive skills
- develop and refine ideas and proposals, personal outcomes or solutions with increasing independence
- acquire and develop technical skills through working with a broad range of media, materials, techniques, processes and technologies with purpose and intent
- develop knowledge and understanding of art, craft and design in historical and contemporary contexts, societies and cultures
- develop an awareness of the different roles and individual work practices evident in the production of art, craft and design in the creative and cultural industries
- develop an awareness of the purposes, intentions and functions of art, craft and design in a variety of contexts and as appropriate to students' own work
- demonstrate safe working practices in art, craft and design.

The content and assessment approach in our Art and Design qualification has been designed to meet students' needs in the following ways:

- Course flexibility and choice - teachers can design a course of study that appeals to students' interests and the centre's resourcing:
 - Graphic Communication
 - Photography
 - Textile Design
 - Three-dimensional Design.
- Local influence - the opportunity to 'localise' the content to make it more relevant for students; reflecting local artistic and cultural strengths, e.g. in relation to the areas of study such as: location photography, constructed textiles or fashion design, jewellery and body adornment or ceramics.
- Portfolio and Externally Set Assignment - Students develop knowledge, understanding and skills within their chosen endorsed title specialism when completing their Personal Portfolio. These are then further developed to complete the Externally Set Assignment.
- Broad and deep development of students' skills; for example all students:
 - Gain awareness of the purposes, intentions and functions of art, craft and design
 - Use creativity and imagination to express individual thoughts
 - Develop and refine original ideas from initiation to realisation
 - Analyse critically their own work and the work of others
 - Build confidence to take risks, experiment and learn from mistakes.

Qualification at a glance

Component 1: Personal Portfolio

50% of the total International GCSE

Content summary

- Students must work within one of the following endorsed titles: Fine Art; Graphic Communication; Photography; Textile Design; Three-dimensional Design.
- Students create a personal portfolio of work that demonstrates the knowledge, understanding and skills for the selected endorsed titles.

This component gives students opportunities to:

- develop and explore ideas
- research primary and contextual sources
- experiment with media, materials, techniques and processes
- present personal response(s) to theme(s) set by the centre.

Assessment

Students must submit:

- three sheets of supporting studies
- one sheet of final outcome/s

Students' work must show evidence of all four Assessment Objectives in response to the internally-set theme(s), project(s) or task(s). All work is internally set and is externally marked using the assessment grid. The total number of marks available for the Personal Portfolio is 72.

- *Component 2: Externally-set Assignment*
- 50% of the total International GCSE

Content overview

- Students must continue to work in the same endorsed title as they did for the Personal Portfolio. For example, if a student chooses Fine Art for component one, then they must continue with Fine Art for component two.
- Students must present personal response(s) to an externally set broad-based thematic starting point, set by Pearson in the Externally Set Assignment.

This component allows students opportunities to:

- develop and explore ideas
- research primary and contextual sources
- experiment with media, materials, techniques and processes
- present personal response(s) to the externally-set theme.

Assessment

Students must submit:

- three sheets of supporting studies
- one sheet of final outcome/s

Students' work must show evidence of all four Assessment Objectives in response to the Externally Set Assignment theme. All work is externally set and is externally marked using the assessment grid. The total number of marks available for the Personal Portfolio is 72.

7. ชีววิทยา (Biology)

The Pearson Edexcel International GCSE in Biology is part of a suite of International GCSE qualifications offered by Pearson. The Pearson Edexcel International GCSE in Biology is a linear qualification with two written examinations must be taken in the same series at the end of the course of study. This course is a solid basis for students wishing to progress to the Pearson Edexcel AS and Advanced GCE level or equivalent qualifications.

Qualification aims and objectives

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.

Qualification at a glance

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

- Biology Paper 1
- Biology Paper 2.

Biology paper 1: Content summary

Assesses core content that is not in bold and does not have a 'B' reference. Questions may come from any topic area across the specification.

1. The nature and variety of living organisms
2. Structures and functions in living organisms
3. Reproduction and inheritance
4. Ecology and the environment

5. Use of biological resources

Assessment

- The paper is assessed through a 2-hour written examination paper set and marked by Pearson.
- The total number of marks is 110.
- 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.

Biology Paper 2 Content summary

Assesses all the content, including content that is in bold and has a 'B' reference. Questions may come from any topic area across the specification. Bold statements cover some sub-topics in greater depth.

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

Assessment

- The paper is assessed through a 1-hour and 15-minute written examination paper set and marked by Pearson.
- The total number of marks is 70.
- 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.

8. ธุรกิจศึกษา (Business)

The Pearson Edexcel International GCSE in Business is designed as a two-year course. As students progress through the course they are introduced to new ideas and concepts while continuing to use and reinforce previously learned concepts and skills. The course is designed to give students a sound understanding of business, and the ability to use knowledge, skills and understanding appropriately in the context of individual countries and the global economy.

Concepts and content

The content is appropriate and relevant for progression. It is appropriate for international students, building understanding and awareness of business concepts and applying them to real-life scenarios. The content develops students' ability to participate effectively in global society as citizens, producers and consumers.

Broad and deep development of skills

The design of the revised International GCSE aims to extend students' knowledge by broadening and deepening skills, for example students will develop the ability to:

- read sources to interpret and evaluate business information
- write extended responses
- respond appropriately to a range of question types, including multiple-choice, short-answer, data-response and open-ended questions
- develop an understanding of business concepts and apply these concepts to real-life situations.

Progression to A Level

International GCSEs enable successful progression to Level 3 qualifications (such as the International A-Level in Business) and beyond, in business and other subjects. International business teaching experts have validated this qualification and endorsed its content, skills development and assessment structure.

Qualification aims and objectives

The Pearson Edexcel International GCSE in Business qualification enables students to:

- develop an interest in and enthusiasm for the study of business
- develop an understanding of business concepts, business terminology, business objectives and the integrated nature of business activity
- understand how the main types of business are organised, financed and operated
- develop and apply knowledge, understanding and skills to contemporary business issues in a wide range of businesses from small enterprises to large multinationals and businesses operating in local, national and global context
- develop critical-thinking and enquiry skills to distinguish between facts and opinion, calculating, interpreting and evaluating business data, to help build arguments and make informed judgements
- develop an understanding of the dynamics of business activity and the related considerations of ethics and sustainability for global businesses.

Course content

1 – Business activity and influences on business

This section covers the various objectives of a business, changing business environments and the criteria for judging success. The focus is on the importance of having clear business objectives and how the business environment provides opportunities for, and imposes constraints on, the pursuit of these objectives.

2 – People in business

This section looks at people in organisations, focusing on their roles, relationships and management in business.

3 – Business finance

This section explores the use of accounting and financial information as an aid to decision making.

4 – Marketing

This section focuses on identifying and satisfying customer needs in a changing and competitive international environment.

5 – Business operations

This section examines the way organisations use and manage resources to produce goods and services.

Assessment

The content and assessment approach for this qualification has been designed to meet students' needs through a two-paper assessment. This new, two-paper model gives students better opportunities to focus on real-life business scenarios covering small and large businesses. It will test knowledge, understanding, analytical and evaluation skills around five sections: Business Activity and Influences on Business, People in Business, Business Finance, Marketing and Business Operations.

Qualification at a glance

Paper 1: Investigating small businesses - 50% of the total International GCSE

Content summary

This paper will draw on topics taken from the whole of the subject content. The question scenarios are based on a small business – up to 49 employees.

Assessment

Examination of 1 hour and 30 minutes, consisting of four compulsory questions, each worth 20 marks – total of 80 marks in Paper 1. The sub-questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions. Calculators may be used in the examination.

Paper 2: Investigating large businesses - 50% of the total International GCSE

Content summary

This paper will draw on topics taken from the whole of the subject content. The question scenarios are based on a large business – more than 250 employees.

Assessment

Examination of 1 hour and 30 minutes, consisting of four compulsory questions, each worth 20 marks – total of 80 marks in Paper 2. The sub-questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions. Calculators may be used in the examination.

9. เคมี (Chemistry)

The Pearson Edexcel International GCSE in Chemistry is part of a suite of International GCSE qualifications offered by Pearson.

We offer separate science qualifications in Biology, Human Biology, Chemistry and Physics, as well as a Single Award Science qualification. The content and assessment approach in all the science qualifications have been designed to meet students' needs in the following ways:

- Content that is interesting and engaging for students but is also designed to ensure good preparation, both for those continuing to further study and for those who wish to work in a chemistry-related field.
- There are opportunities to 'localise' the content to make it more relevant for students in their own country.
- Question papers are clear and straightforward – the question papers are clear and accessible for all students of all ability ranges and learning styles. The mark schemes are straightforward, so that the assessment requirements are clear.
- Students' skills are broadly developed – the International GCSE is designed to extend students' knowledge by broadening and deepening skills, for example: – developing students' practical skills by including a number of practicals in the specification content. These can be supplemented with other suggested practicals.
- The skills developed will be assessed through questions in written examinations – improving students' analytical and logic skills by applying understanding of scientific concepts and principles to a range of situations. This includes some examination questions that are more problem solving in style – addressing the need for mathematical skills to complement students' chemistry skills by covering a range of mathematical areas.
- International GCSEs enable successful progression to A Level and beyond.

Flexibility

Teachers of chemistry have a choice of International GCSE courses to deliver, each giving different levels of depth to meet students' needs. As well as the Pearson Edexcel International GCSE in Chemistry, students can also be taught the International GCSE in Science (Single Award). These courses offer a reduced amount of content, but are assessed to the same standard. Progression routes for these courses may vary slightly from those for the Pearson Edexcel International GCSE in Chemistry.

Qualification aims and objectives

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

- learn about unifying patterns and themes in chemistry and use them in new and changing situations
- acquire knowledge and understanding of chemical facts, terminology, concepts, principles and practical techniques
- apply the principles and concepts of chemistry, including those related to the applications of chemistry, to different contexts
- evaluate chemical information, making judgements on the basis of this information
- appreciate the practical nature of chemistry, 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 chemistry
- 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 chemistry as set out under each topic
- prepare for more advanced courses in chemistry and for other courses that require knowledge of chemistry.

Assessment

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

- Chemistry Paper 1
- Chemistry Paper 2.

Chemistry Paper 1 - 61.1% of the total International GCSE

Content summary

Questions may come from any topic area across the specification.

1. Principles of chemistry
2. Inorganic chemistry
3. Physical chemistry
4. Organic chemistry

Assessment

The paper is assessed through a 2-hour written examination paper set and marked by Pearson.

- The total number of marks is 110.
- 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.

Chemistry Paper 2 - 38.9% of the total International GCSE

Content summary

Questions may come from any topic area across the specification.

1. Principles of chemistry
2. Inorganic chemistry
3. Physical chemistry
4. Organic chemistry

Assessment

- The paper is assessed through a 1-hour and 15-minute written examination paper set and marked by Pearson.
- The total number of marks is 70.
- 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.

10. ภาษาจีน Chinese - First Language (for Chinese students)

The Pearson Edexcel International GCSE in Chinese is part of a suite of International GCSE qualifications offered by Pearson. The content is relevant, engaging and up to date. It covers five topics: Home and abroad; Education and employment; Personal life and relationships; The world around us; and Social activities, fitness and health. Each topic has a number of sub-topic areas.

Approach

A foundation for students wishing to progress to further study of Chinese at schools and colleges.

- Listening skills are assessed separately in Paper 1.
- Reading and writing skills are tested in separate exercises in Paper 2.
- Speaking communication skills are assessed separately in Paper 3.

Content

- For the purpose of communication, topics relate to student interests related to studying Chinese, for example study and leisure situations.
- Contexts and settings will be those that students are likely to encounter, for example at school or in the media.
- Culturally sensitive and authentic texts are used throughout.
- Tests will measure achievement against many of the benchmarks of Levels A2 and B1 of the Council of Europe's Common European Framework of Reference for Languages: Learning, Teaching, Assessment (CEFR)

Qualification aims and objectives

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

- understanding and use of written forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- understanding and use of the spoken forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- the ability to communicate effectively in the target language through writing, using a range of vocabulary and structures
- the ability to communicate effectively in the target language through speaking, using a range of vocabulary and structures
- knowledge and understanding of the target language grammar and its practical application
- knowledge and understanding of countries and communities where the target language is spoken
- positive attitudes towards modern foreign language learning
- a suitable foundation for further study of the target language, or another language.

Clear and straightforward question papers that are accessible for students of all ability ranges. Assessment objectives are assessed discretely, with one paper assessing Listening, one paper assessing Reading and Writing, and the third paper assessing Speaking. Our mark schemes are straightforward, so that assessment requirements are clear.

Broad and deep development of skills – the design of the revised International GCSE aims to extend students' knowledge by broadening and deepening skills, for example students develop the ability to:

- read for both gist and detail
- write in response to a given situation
- listen to a complex argument or discussion, understand the overall message and identify attitudes and opinions
- participate in extended discussion.

Progression – International GCSE qualifications enable successful progression to Level 3 study and beyond.

Qualification overview

The Pearson Edexcel International GCSE in Chinese consists of three externally-examined papers and is a linear qualification. All papers must be taken at the end of the course of study.

Content and assessment overview

Paper 1: Listening

Written examination: 30 minutes, plus 5 minutes' reading time 40 marks = 25% of the qualification

Content overview

This paper assesses listening skills across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health.

Assessment overview

Seven questions, which are a combination of multiple-choice, multiple-matching, note-taking and gap-fill questions. All five topic areas are assessed. Recordings of spoken Chinese will be available in Mandarin and Cantonese.

Paper 2: Reading and Writing

Written examination: 1 hour 45 minutes - 80 marks = 50% of the qualification

Content overview

This paper assesses reading and writing skills in separate sections across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health.

Assessment overview

Section A: Reading

Five questions, which are a combination of multiple-choice, note-taking, gap-fill and short-answer questions.

Section B: Writing

There are two open-response writing tasks, each linked to a topic area. There is also a question involving translation of four sentences into Chinese. All four sentences are linked to one topic area.

The assessment will be available in traditional and simplified characters. All questions and texts are printed twice, once in English and traditional/full characters, and once in English and simplified characters. Students may work from whichever version they wish.

Paper 3: Speaking

Internally conducted and externally assessed Spoken examination: 8–10 minutes - 40 marks = 25% of the qualification.

Content overview

This paper assesses speaking skills across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health.

Assessment overview

The examination is made up of three tasks (A, B and C). Students will present and answer questions on a picture that is related to one of the topic areas. They will also discuss two different topics, chosen at random by Pearson. The assessment will be available in Mandarin and Cantonese. The option chosen for each student is indicated by its entry code:

11. พาณิชยการ (Commerce)

Pearson Edexcel International GCSE in Commerce (Modular) is part of a suite of International GCSE (Modular) qualifications offered by Pearson. The content is relevant, up-to-date, engaging and appropriate for an international audience. The content has been divided into four themes:

- Theme 1: Commercial Operations
- Theme 2: Commercial Risks
- Theme 3: Finance for Commerce
- Theme 4: Aids for Commerce

Qualification aims

The aims of this qualification are to enable learners to:

- develop an interest in and enthusiasm for the study of commerce
- develop an understanding of commerce concepts, terminology, objectives and the integrated nature of commerce activity
- understand how the main types of commerce are organised, financed and operated
- develop knowledge, understanding and skills to commerce issues in a wide range of applications, operating in local, national and global context
- develop critical thinking and enquiry skills to distinguish between facts and opinion, and evaluating and interpreting qualitative and quantitative data, to help build arguments and make informed judgements
- develop an understanding of the dynamics of commerce activity and the related considerations of ethics and sustainability for global businesses.

Assessment

A two-unit model allows learners to focus on real-life commercial scenarios. We will test knowledge, understanding, analytical and evaluation skills around four themes: commercial operations, commercial risks, finance for commerce and aids for commerce.

The content in Unit 1: Commercial Operations and Associated Risks, and in Unit 2: Facilitating Commercial Operations, is engaging and accessible. It allows progression as it builds understanding and awareness of commercial concepts and applies them to real-life scenarios. The content is appropriate for international learners as it develops their ability to participate effectively in global society as citizens, producers and consumers.

Progression

International GCSE (Modular) qualifications enable successful progression to Level 3 qualifications and beyond, in accounting and other subjects.

Qualification overview

Pearson Edexcel International GCSE in Commerce (Modular) consists of two mandatory units. It is a modular qualification in which unit assessments can be sat and resat in any order.

Content and assessment overview

Unit 1: Commercial Operations and Associated Risks

- Externally assessed, Written examination: 1 hour and 30 minutes
- 80 marks - 50% of the total International GCSE

Content overview

This unit explores the nature of commerce, what it involves, and the risks associated with commercial operations. It is based on two themes: Theme 1: Commercial Operations and Theme 2: Commercial Risks.

Theme 1: Commercial Operations

- Production
- Buying and selling
- Commercial enterprises
- Retail
- Wholesale
- Ecommerce
- International trade

Theme 2: Commercial Risks

- Insurance
- Consumer protection legislation
- Trade
- Bad debts

Assessment overview

This unit assessment consists of four compulsory questions, each worth 20 marks. The questions are a combination of multiple-choice, short open-response and extended open-response questions. The examination has three sections: A, B and C. Questions 3 and 4 in sections B and C respectively are based on real business case scenarios, adapted for examination purposes.

Unit 2: Facilitating Commercial Operations Unit

- Externally assessed, Written examination: 1 hour and 30 minutes
- 80 marks - 50% of the total International GCSE

Content overview

This unit involves a study of finance for commerce and the different aids for commerce. It is based on two themes: Theme 3: Finance for Commerce and Theme 4: Aids for Commerce.

Theme 3: Finance for Commerce

- Financial institutions to support commerce
- Sources of finance
- Methods of payment
- Commercial calculations
- Measuring commercial performance
- Improving commercial performance

Theme 4: Aids for Commerce

- Communications
- Transport
- Warehousing
- Promotion
- Trading documents
- Types of consumer credit
- Aids to exports

Assessment overview

This unit assessment consists of four compulsory questions, each worth 20 marks. The questions are a combination of multiple-choice, short open-response and extended open-response questions. The examination has three sections: A, B and C. Questions 3 and 4 in sections B and C respectively are based on real business case scenarios, adapted for examination purposes.

12.คอมพิวเตอร์ (Computer Science)

The Pearson Edexcel International GCSE in Computer Science is part of a suite of International GCSE qualifications offered by Pearson. International GCSEs enable successful progression to A Level and beyond.

The Pearson Edexcel International GCSE in Computer Science is a linear qualification. Two examinations must be taken in the same series at the end of the course of Study. The content is relevant, engaging, up to date and of equivalent standard to Pearson's regulated GCSE in Computer Science.

The Assessment is 100% external assessment consisting of two papers. A written examination and a practical programming examination, both with questions and tasks designed to be accessible to students of all abilities. The approach develops independent learning, problem solving, computational thinking skills, critical thinking skills, real-life examples.

Qualification aims and objectives

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

- understand and apply the fundamental principles and concepts of computer science, including abstraction, decomposition, logic, algorithms and data representation
- analyse problems in computational terms through practical experience of solving such problems, including designing, writing and debugging programs
- think creatively, innovatively, analytically, logically and critically
- understand the components that make up digital systems, and how they communicate with one another and with other systems
- understand the impacts of digital technology to the individual and to wider society
- apply mathematical skills relevant to computer science.

Qualification at a glance

Computer Science content

- Topic 1: Problem solving
- Topic 2: Programming
- Topic 3: Data
- Topic 4: Computers
- Topic 5: Communication and the internet
- Topic 6: The bigger picture

The Pearson Edexcel International GCSE in Computer Science is comprised of two externally-assessed papers, one of which is a practical assessment carried out on a computer system using a programming language of choice.

- Paper 1: Principles of Computer Science
- Paper 2: Application of Computational Thinking

Paper 1: Principles of Computer Science

- Externally assessed: 50% of the total International GCSE

Content summary

This paper will primarily assess knowledge and understanding of the basic principles of computer science, including some coverage of how these principles are applied when solving problems that relate to a particular situation.

This paper will assess all topics.

- Understanding of what algorithms are, what they are used for and how they work; ability to interpret, amend and create algorithms.
- Understanding the requirements for writing program code.
- Understanding how to develop program code and constructs, data types, structures, input/output, operators and subprograms.
- Understanding of binary representation, data representation, data storage and compression, and encryption.
- Understanding of components of computer systems; ability to construct truth tables, produce logic statements and read and interpret pseudocode.
- Understanding of computer networks, the internet and the world wide web.
- Awareness of emerging trends in computing technologies, the impact of computing on individuals, society and the environment, including ethical, legal and ownership issues.

Assessment

- Assessment is through a 2-hour examination paper set and marked by Pearson.
- The paper consists of multiple-choice, short open-response, open-response and extended open-response answer questions.
- The total number of marks available for the examination paper is 80.

Paper 2: Application of Computational Thinking

- Externally assessed: 50% of the total International GCSE

Content summary

This paper will primarily assess the practical application of computational thinking, whereby learners will create, use and adapt existing algorithms to solve problems in a particular situation. This paper will also test students' knowledge and understanding of the topics. This paper will draw on:

- understanding of what algorithms are, what they are used for and how they work; ability to interpret, amend and create algorithms
- developing and testing program code and constructs, data types, structures, input/output, operators and subprograms
- connecting and using data sources when developing program code
- understanding of binary representation, data representation, data storage and compression, and encryption
- ability to construct truth tables, produce logic statements and read and interpret pseudocode.

Assessment

- Assessment is through a 3-hour practical examination, set and marked by Pearson.

- A choice of three programming languages will be available (Python, C# or Java).
- The paper consists of multiple-choice, short open-response, open-response, extended- open response answer and task-based questions.
- The task-based questions will be carried out using a computer system under supervision. All other questions requiring a written response will be answered in the paper.
- The total number of marks available for the examination paper is 80.

13. เศรษฐศาสตร์ (Economics)

Pearson Edexcel International GCSE in Economics (Modular) is part of a suite of International GCSE (Modular) qualifications offered by Pearson. The content in Microeconomics and Business Economics, Macroeconomics and the Global Economy is engaging and accessible for all learners.

The content is appropriate and relevant for progression to Level 3 qualifications (such as the International A Level in Economics) and beyond, in economics and other subjects, building understanding and awareness of economic theory and testing. It develops learners' ability to participate effectively in global society as citizens, producers and consumers and fosters independent learning, critical thinking skills, and includes real-life examples.

Qualification aims

The aims of this qualification are to enable learners to:

- develop an understanding of economic concepts and apply these concepts to real-life situations
- calculate, interpret and evaluate economic data in order to make reasoned arguments and informed judgements
- develop an awareness of economic change and its impact on developing and developed economies
- understand economic issues, problems and possible solutions that affect mixed economies
- participate effectively in society as citizens, producers and consumers.

Content overview

The market system:

- The economic problem
- Economic assumptions
- Demand, supply and market equilibrium
- Elasticity
- The mixed economy
- Externalities

Business economics:

- Production
- Productivity and division of labour
- Business costs, revenues and profit
- Business competition
- The labour market
- Government intervention

Government and the economy:

- Macroeconomic objectives
- Government policies
- Relationships between objectives and policies

The global economy:

- Globalisation
- International trade
- Exchange rates

Assessment overview

Pearson Edexcel International GCSE in Economics (Modular) comprises two mandatory units. Both units are available as paper-based and onscreen assessments. Assessment consists of two examinations with questions designed to differentiate learners of all abilities. All assessments in the modular route are designed to be at the same standard, and there is no step up in difficulty between Unit 1 and Unit 2.

Unit 1: Microeconomics and Business Economics

- Externally assessed written examination: 1 hour and 30 minutes
- 80 marks - 50% of the total International GCSE

The examination consists of four compulsory questions, each worth 20 marks. The questions in Unit 1 assessment are a combination of multiple-choice, data-response, short open-response and extended open-response questions.

Unit 2: Macroeconomics and the Global Economy

- Written examination: 1 hour and 30 minutes
- 80 marks - 50% of the total International GCSE

14. ฝรั่งเศส) French

The Pearson Edexcel International GCSE in French is part of a suite of International GCSE qualifications offered by Pearson. The qualification is designed primarily for students who are studying French in order to enhance their future education or employment prospects.

Achievement is broadly equivalent to Levels A2 and B1 of the CEFR. Students at this level are expected to understand the main points of familiar matters regularly encountered in work, school, leisure, etc., and can deal with most situations likely to arise while travelling in an area where the language is spoken. They can produce simple, connected text on topics that are familiar or of personal interest, and can describe experiences and events, dreams, hopes and ambitions, and briefly give reasons and explanations for opinions and plans. Students will be expected to communicate formally and informally in a range of contexts, and to understand a wide range of texts and styles.

Qualification aims and objectives

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

- French language competence through realistic and contextualised tasks based on authentic texts.
- understanding and use of written forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- understanding and use of the spoken forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- the ability to communicate effectively in the target language through the written word, using a range of vocabulary and structures
- the ability to communicate effectively in the target language through speaking, using a range of vocabulary and structures
- a knowledge and understanding of the target language grammar and its practical application
- a knowledge and understanding of countries and communities where the target language is spoken
- positive attitudes towards modern foreign language learning
- a suitable foundation for further study of the target language, or another language.

Progression to A Level – International GCSEs enable successful progression to Level 3 qualifications (such as the International A Level) and beyond, in French and other subjects. Through our world class qualification development process, we have consulted international French language teaching experts to validate this qualification and endorse its content, skills development and assessment structure.

Qualification overview

The Pearson Edexcel International GCSE in French consists of three externally examined papers and is a linear qualification. All papers must be taken at the end of the course of study.

Content and assessment overview

Paper 1: Listening

- Written examination: 30 minutes, plus 5 minutes' reading time
- 40 marks - 25% of the qualification

Content overview

This paper assesses listening skills across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health.

Assessment overview

Seven questions, which are a combination of multiple-choice, multiple-matching, note-taking and gap-fill questions. All five topic areas are assessed.

Paper 2: Reading and Writing

- Written examination: 1 hour 45 minutes
- 80 marks (40 marks for reading and 40 marks for writing) - 50% of the qualification

Content overview

This paper assesses reading and writing skills in separate sections across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health.

Assessment overview

Section A: Reading

Five questions, which are a combination of multiple-choice, note-taking, gap-fill and short-answer questions.

Section B: Writing

There are two open-response writing tasks and a task that requires writing verbs in their correct forms. Each task in this section is linked to a specific topic area.

Paper 3: Speaking

- Spoken examination: 8–10 minutes
- 40 marks - 25% of the qualification

Content overview

This paper assesses speaking skills across five topic areas:

- Home and abroad

- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health.

Assessment overview

The examination is made up of three tasks (A, B and C). Students will present and answer questions on a picture that is related to one of the topic areas. They will also discuss two different topics, chosen at random by Pearson.

The assessments are conducted by teachers in one session within a prescribed assessment window. The recordings are then submitted to Pearson for external marking.

15. ภูมิศาสตร์ (Geography)

Pearson Edexcel International GCSE in Geography (Modular) is part of a suite of International GCSE (Modular) qualifications offered by Pearson.

Qualification aims

The aims of this qualification are to enable learners to:

- build on the foundation of geographical knowledge and apply it
- actively engage in the process of geographical enquiry to develop as effective and independent learners, and as critical and reflective thinkers with enquiring minds
- develop their knowledge and understanding of geographical concepts and appreciate the relevance of these concepts to our changing world
- develop a framework of spatial awareness in which to appreciate the importance of the location of places and environments at a range of scales
- appreciate that people have different views of, and attitudes to, the world, its environments and its issues
- develop and apply practical geographical enquiry skills
- undertake geographical investigations that include both primary and secondary data collection, presentation and analysis, drawing conclusions, and evaluating geographical investigation
- develop and apply their learning to the real world through fieldwork
- develop their awareness of global issues and recognise the challenges of moving towards a sustainable future.

Qualification overview

Content and assessment overview

Unit 1: Physical Geography Unit

- Written examination: 1 hour and 10 minutes
- 70 marks - 40% of the total International GCSE

Content overview

- River environments
- Coastal environments
- Hazardous environments

including fieldwork from one of these topics.

Assessment overview

Section A: Learners choose two out of three questions on: river environments, coastal environments, hazardous environments.

Section B: Learners choose one out of three fieldwork-related questions on: river environments, coastal environments, hazardous environments.

The questions in Unit 1 assessment are a combination of multiple-choice, data-response, short open-response and extended open-response questions.

Unit 2: Human Geography Unit

- Written examination: 1 hour and 45 minutes
- 105 marks - 60% of the total International GCSE

Content summary

- Economic activity and energy
- Rural environments
- Urban environments

including fieldwork from one of these topics:

- Global issues (Fragile environments and climate change, Globalisation and migration, Development and human welfare)

Assessment overview

Section A: Learners choose two out of three questions on: economic activity and energy, rural environments, urban environments.

Section B: Learners choose one out of three fieldwork-related questions on: economic activity and energy, rural environments, urban environments.

Section C: Learners choose one out of three questions on: fragile environments and climate change, globalisation and migration, development and human welfare.

The questions in Unit 2 assessment are a combination of multiple-choice, data-response, short open-response and extended open-response questions.

16. เยอรมัน (German)

Pearson Edexcel International GCSE in German is part of a suite of International GCSE (Modular) qualifications offered by Pearson.

Qualification aims

The aims of this course are to enable students to:

- develop the language proficiency required to communicate effectively in German 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 German 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 German 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 German is spoken.

- A. Everyday activities
- B. Personal and social life
- C. The world around us
- D. The world of work
- E. The international world

The course gives students opportunities to develop and apply a wide range of foreign language skills. Learners will be expected to read and understand a variety of written and spoken texts on familiar topics. Learners 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 German on familiar, everyday topics, and to speak the language by taking part in everyday conversations.

Learners will be required to show knowledge and understanding of the broad topic areas listed below. These provide contexts for the acquisition of vocabulary and the study of grammar and structures. Through the study of these broad topic areas, learners gain insight into the cultures of countries and communities where German is spoken.

Assessment overview

All learners take four papers. Learners will be eligible for grades 9 to 1.

Paper 1

- Approximately 50 minutes
- Listening 25% - 40 marks

Learners listen to a number of recordings and answer multiple-choice and matching questions.

Paper 2

- 1 hour, Reading 25% - 45 marks
- Learners read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers.

Paper 3

- Approximately 10 minutes - Speaking 25% - 40 marks
- Learners complete one role play and conversations on two topics.

Paper 4

- 1 hour - Writing 25% - 45 marks
- Learners complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog.

17. วิชาพลโลก Global Citizenship

The Pearson Edexcel International GCSE in Global Citizenship is part of a suite of International GCSE qualifications offered by Pearson. The curriculum is engaging and relevant and widens students' knowledge of contemporary issues. It encourages them to reflect on what makes them a 'global citizen', and how their learning will develop their skills and knowledge within their local and national communities.

Through the content studied and assessment, students will engage in responding to issues and take part in the community project, which allows them to 'engage' with global society. This will enable them to take greater ownership and responsibility of the community activity to demonstrate active citizenship – improving others' societies as well as their own.

The qualification is designed primarily for students who are studying Global Citizenship in order to enhance their educational or employment prospects. Students at this level are expected to understand the main points of Global Citizenship and what it means to be a global citizen. They can produce simple, connected text on themes that are familiar or of personal interest, or related to the study of Global Citizenship. International GCSEs enable successful progression to A Level and beyond. Our 'Global Citizenship' students typically progress to subjects such as Law, Economics, History, Politics, Geography and other humanities.

Qualification aims and objectives

The aims and objectives of this qualification are to:

- introduce key issues and changes affecting societies across the globe and develop students' understanding of them
- develop students' understanding of how communities interact locally, nationally, regionally and globally in response to change
- develop students' skills of enquiry, analysis and evaluation of different perspectives in relation to global issues and change
- enable students to participate in local community activities and understand the impact of these actions in terms of making a difference to their own community, to the communities of others or society.

Course structure

This qualification therefore seeks to develop students as global citizens; to improve their awareness of the wider world; to support them in gaining a sense of their own role as citizens and participating in the community. The qualification focuses on and links together the following four key themes and their impacts on citizens globally:

- political change and governance through international relations and systems of regulation
- economic development through trade and economic growth and adaptation; sustainable development; the sharing of one planet
- social and cultural development through media and telecommunications; travel and migration
- technological development and advancements.

Each topic supports the community action project that students undertake through links made as to what each student can consider when undertaking their community action project.

Component/paper overview

Paper 1: Global Citizenship

100% of the total International GCSE

Content summary

This paper assesses knowledge and understanding of four key themes relating to global citizenship studies:

- Politics and Governance
- Economic Development and the Environment
- Culture and Community
- Technology

These themes are broken down into related subject areas, which enable students to explore a wide range of issues and ideas, with a specific focus on how they interrelate with being an effective citizen.

Assessment

The Pearson Edexcel International GCSE in Global Citizenship comprises one externally-assessed paper and is a linear qualification.

- Assessment is through a two-and-a-half-hour examination paper set and marked by
- Pearson.
- The assessments are separated into four sections:
 - Section A: Citizenship Community Action Project
 - Sections B & C: Politics and Governance, Economic Development and the Environment, Culture and Community, Technology. The combinations may change year on year
 - Section D: Synoptic assessment
- The total number of marks for the paper is 100.

18. ประวัติศาสตร์ (History)

Pearson Edexcel International GCSE in History (Modular) is part of a suite of International GCSE (Modular) qualifications offered by Pearson. International GCSE (Modular) qualifications enable successful progression onto International A level and beyond.

Qualification aims

The aims of this qualification are to enable learners to:

- develop and extend their knowledge and understanding of specified key events, periods and societies in history; and of the wide diversity of human experience
- engage in historical enquiry to develop as independent learners and as critical and reflective thinkers
- develop the ability to ask relevant questions about the past, to investigate issues critically and to make valid historical claims by using a range of sources in their historical context
- develop an awareness that different people, events and developments have been accorded historical significance and how and why different interpretations have been constructed about them
- organise and communicate their historical knowledge and understanding in different ways and reach substantiated conclusions.

Qualification overview

The Pearson Edexcel International GCSE in History (Modular) comprises two mandatory units. Both units are available as paper-based and onscreen assessments.

Content and assessment overview

Unit 1: Depth Studies

- Written examination: 1 hour 30 minutes
- 60 marks - 50% of the total International GCSE

Content overview

Learners must study at least two depth studies from the following:

1. The French Revolution, c1780–99
2. Development of a nation: unification of Italy, 1848–70
3. Germany: development of dictatorship, 1918–45
4. Colonial rule and the nationalist challenge in India, 1919–47
5. Dictatorship and conflict in the USSR, 1924–53
6. A world divided: superpower relations, 1943–72
7. A divided union: civil rights in the USA, 1945–74
8. South Africa: from union to the end of apartheid, 1948–94.

Learners will:

- gain knowledge and understanding of the key features and characteristics of historical periods

- develop skills to analyse and evaluate historical interpretations in the context of historical events studied
- develop skills to explain, analyse and make judgements about historical events and periods studied, using second-order historical concepts.

Assessment overview

Learners are assessed through an examination based on their selected depth studies. Learners answer two questions, one on each of the depth studies they have studied. This unit is available as a paper-based or onscreen assessment.

Unit 2: Investigation and Breadth Studies

- Written examination: 1 hour 30 minutes
- 60 marks - 50% of the total International GCSE

Content overview

Learners must study one historical investigation from the following:

- A1 The origins and course of the First World War, 1905–18
- A2 Russia and the Soviet Union, 1905–24
- A3 The USA, 1918–41
- A4 The Vietnam Conflict, 1945–75
- A5 East Germany, 1958–90.

Learners must study one breadth study in change from the following:

- B1 America: from new nation to divided union, 1783–1877
- B2 Changes in medicine, c1848–c1948
- B3 Japan in transformation, 1853–1945
- B4 China: conflict, crisis and change, 1900–89
- B5 The changing role of international organisations: the league and the UN, 1919–c2011
- B6 The changing nature of warfare and international conflict, 1919–2011
- B7 The Middle East: conflict, crisis and change, 1917–2012
- B8 Diversity, rights and equality in Britain, 1914–2010.

Learners will:

- gain knowledge and understanding of the key features and characteristics of historical periods
- develop skills to explain, analyse and make judgements about historical events and periods studied, using second-order historical concepts
- learn how to use a range of source material to comprehend, interpret and cross-reference sources

- develop skills to analyse and evaluate historical interpretations in the context of historical events studied.

Assessment overview

Learners are assessed through an examination based on their historical investigation and breadth study in change. Learners answer two questions, one question on their historical investigation and one question on their breadth study in change.

19. เทคโนโลยีสารสนเทศและการสื่อสาร (Information and Communication Technology)

The Pearson Edexcel International GCSE in Information and Communication Technology (ICT) is part of a suite of International GCSE qualifications offered by Pearson. Progression to A Level – International GCSEs enable successful progression onto A level and beyond.

Qualification aims and objectives

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

- explore how digital technology impacts on the lives of individuals, organisations and society
- learn about current and emerging digital technologies and the issues raised by their use in a range of contexts by individuals and organisations
- develop awareness of the risks that are inherent in using ICT and the features of safe, secure and responsible practice
- broaden and enhance their ICT skills and capability
- work with a range of digital tools and techniques to produce effective ICT solutions in a range of contexts
- learn how to reflect critically on their own and others' use of ICT and how to adopt safe, secure and responsible practice.

ICT develops important skills in students, such as data handling, which are transferable and useful for a wide range of jobs. In an increasingly digital world, students need every opportunity to learn skills that will enable them to thrive.

The content and assessment approach for this qualification has been designed to meet student needs in the following ways:

- Developing confident and competent ICT users – This qualification provides students with the opportunity of operating confidently in today's digital world. It is a useful, practical qualification which will provide skills needed in further education and work.
- Providing students with relevant and transferable skills – Students will learn about topics ranging from digital devices and connectivity, safe and responsible practice, and understand the impact of internet on the way that organisations do business.
- They will be also be encouraged to practice using software applications effectively.

Qualification at a glance

Paper 1: Written Paper

50% of the total International GCSE

Content summary

Students must study all of the following topics:

- Topic 1: Digital Devices
- Topic 2: Connectivity
- Topic 3: Operating Online
- Topic 4: Online Goods and Services.

Students will:

- gain knowledge and understanding of Information and Communication Technology
- develop skills to apply knowledge and understanding to produce ICT-based solutions
- develop skills of analysis and evaluation, making reasoned judgements and presenting conclusions.

Assessment

- Students are assessed through a 1-hour and 30-minute written examination, set and marked by Pearson.
- The examination comprises a mixture of multiple-choice, short- and long-answer questions.
- The total number of marks available for the examination paper is 100.
- The examination addresses all three Assessment Objectives.

Paper 2: Practical Paper

50% of the total International GCSE

Content summary

Students must study both of the following topics:

- Topic 5: Applying Information and Communication Technology
- Topic 6: Software Skills

Students will:

- gain knowledge and understanding of Information and Communication Technology
- develop skills to apply the knowledge and understanding they acquire in all topics (1–6) to produce ICT-based solutions
- develop skills of analysis and evaluation, making reasoned judgements and presenting conclusions.

Assessment

- Students are assessed through a three-hour practical examination, set and marked by Pearson
- The total number of marks available for the examination paper is 100.
- The examination addresses all three Assessment Objectives.

Information and Communication Technology (ICT) content

- Topic 1: Digital Devices
- Topic 2: Connectivity
- Topic 3: Operating Online
- Topic 4: Online Goods and Services
- Topic 5: Applying Information and Communication Technology
- Topic 6: Software Skills

23. ฟิสิกส์ (Physics)

The Pearson Edexcel International GCSE in Physics is part of a suite of International GCSE qualifications offered by Pearson. International GCSE qualifications enable successful progression to A Level and beyond.

Qualification aims and objectives

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

- learn about unifying patterns and themes in physics and use them in new and changing situations
- acquire knowledge and understanding of physical facts, terminology, concepts, principles and practical techniques
- apply the principles and concepts of physics, including those related to the applications of physics, to different contexts
- evaluate physical information, making judgements on the basis of this information
- appreciate the practical nature of physics, 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 physics
- 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 physics as set out under each topic
- prepare for more advanced courses in physics and for other courses that require knowledge of physics.

Qualification overview

The Pearson Edexcel International GCSE in Physics consists of two externally-assessed papers:

- Physics Paper 1
- Physics Paper 2.

Content and assessment overview

Physics Paper 1

Written examination: 2 hours - 110 marks

61.1% of the total International GCSE

Content summary

1. Forces and motion
2. Electricity
3. Waves

4. Energy resources and energy transfers
5. Solids, liquids and gases
6. Magnetism and electromagnetism
7. Radioactivity and particles
8. Astrophysics

Assessment

A combination of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

- Written examination: 1 hour and 15 minutes
- 70 marks - 38.9% of the total International GCSE

Content summary

1. Forces and motion
2. Electricity
3. Waves
4. Energy resources and energy transfers
5. Solids, liquids and gases
6. Magnetism and electromagnetism
7. Radioactivity and particles
8. Astrophysics

Assessment

A combination of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

25. สเปน (Spanish)

The Pearson Edexcel International GCSE in Spanish is designed for use in schools. It is part of a suite of International GCSE qualifications offered by Pearson. The qualification is designed primarily for students who are studying Spanish in order to enhance their future education or employment prospects.

Achievement is broadly equivalent to Levels A2 and B1 of the CEFR. Students at this level are expected to understand the main points of familiar matters regularly encountered in work, school, leisure, etc. and can deal with most situations likely to arise while travelling in an area where the language is spoken. They can produce simple, connected text on topics that are familiar or of personal interest, and can describe experiences and events, dreams, hopes and ambitions, and briefly give reasons and explanations for opinions and plans.

Students will be expected to communicate formally and informally in a range of contexts, and to understand a wide range of texts and styles. The aim of the qualification is to test Spanish language competence through realistic and contextualised tasks based on authentic texts. Speaking, listening, reading and writing skills are tested through three examination papers.

Qualification aims and objectives

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

- understanding and use of written forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- understanding and use of the spoken forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- the ability to communicate effectively in the target language through the written word, using a range of vocabulary and structures
- the ability to communicate effectively in the target language through speaking, using a range of vocabulary and structures
- a knowledge and understanding of the target language grammar and its practical application
- a knowledge and understanding of countries and communities where the target language is spoken
- positive attitudes towards modern foreign language learning
- a suitable foundation for further study of the target language, or another language.

Qualification overview

The Pearson Edexcel International GCSE in Spanish consists of three externally examined papers.

Content and assessment overview

Paper 1: Listening

- Written examination: 30 minutes, plus 5 minutes' reading time Availability: June
- 40 marks - 25% of the qualification

Content overview

This paper assesses listening skills across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health.

Assessment overview

Seven questions, which are a combination of multiple-choice, multiple-matching, note-taking and gap-fill questions. All five topic areas are assessed.

Paper 2: Reading and Writing

- Written examination: 1 hour 45 minutes
- 80 marks (40 marks for reading and 40 marks for writing) - 50% of the qualification

Content overview

This paper assesses reading and writing skills in separate sections across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health.

Assessment overview

Section A: Reading

Five questions, which are a combination of multiple-choice, note-taking, gap-fill and short-answer questions.

Section B: Writing

There are two open-response writing tasks and a task that requires writing verbs in their correct forms. Each task in this section is linked to a specific topic area.

Paper 3: Speaking

- Spoken examination: 8–10 minutes - 25% of the qualification

Content overview

This paper assesses speaking skills across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness and health

Assessment overview

The examination is made up of three tasks (A, B and C). Students will present and answer questions on a picture that is related to one of the topic areas. They will also discuss two different topics, chosen at random by Pearson.



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APPENDICES

**Curriculum with copyrighted content: Pearson/Edexcel and
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