



**NETWORK**  
INTERNATIONAL  
SCHOOL

# IGCSE and A Level Options

For examination in 2027



Cambridge International School









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Welcome to the IGCSE and A Levels Options Booklet for Network International School! As you embark on this important next step in your Network Journey, we are excited to support you in exploring the diverse opportunities that lie ahead. This is a pivotal time in your education, and we encourage you to embrace the choices available, each designed to help you discover your passions and unlock your potential. Together, let's make this journey a fulfilling and enriching experience.



**Teacher Jon**  
**Head of Secondary**

““

I am thrilled to guide you through the process of selecting your IGCSE and A Level subjects. Our broad curriculum choices are designed to cater to your individual interests and aspirations, and I encourage you to embrace this opportunity to explore new areas of knowledge. One of the benefits of being part of Network International School is the continuity of your educational experience; allowing us to offer personalised support tailored to your needs. This helps you to make the most of this journey, ensuring that your choices align with your passions and goals.



**Teacher Sophie**  
**Deputy Head (Academic)**

““

I am excited to welcome you to this pivotal stage of your educational journey. The transition from Secondary to Sixth form is not just about academic development; it serves as a crucial training ground for university and adult life. At Network International School, our IGCSE and A Level programmes are designed to challenge and inspire you while also providing a wealth of enrichment opportunities. These experiences will not only enhance your academic portfolio but also equip you with essential skills and confidence for your post-school journey. Let's work together to make this a transformative experience that prepares you for your future.



**Teacher Jacob**  
**Head of Sixth Form &  
Higher Education**

# The Options Process at Network Secondary

**Current Network Students**

**Incoming new joiners for Year 10 or Year 12**

Preparation through Yr9 PSHE, Assemblies, Discussions with subject teachers & Heads of Key Stage

Curriculum & Futures Meeting during Admissions Process

Options Week in November: Options Fair & Individual Parent Meeting offered

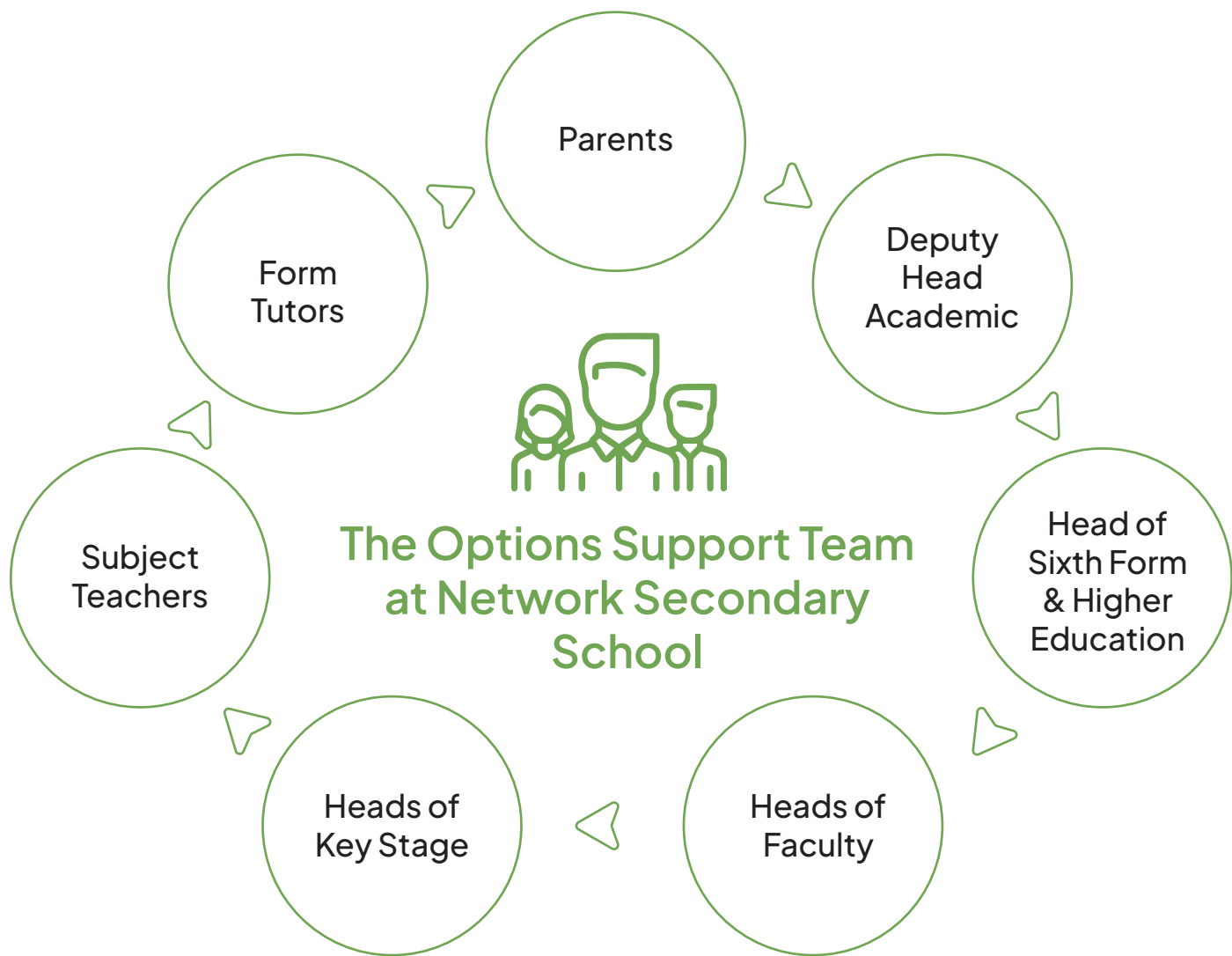
Invited to attend Options Fair

Initial Preferences submitted in December- used to create bespoke 'blocks' in the timetable

*If deposit already paid- Initial Preferences submitted in December- used to create bespoke 'blocks' in the timetable*

Options confirmed in March (*A Level options dependent on confirmation on receipt of results*)

Options confirmed as part of finalising admissions process (*A Level options dependent on confirmation on receipt of results*)





# Your Network

## Secondary Journey

### Key Stage 3: Years 7,8 & 9

UK National Curriculum

Ongoing Internal Assessments

Careers & Higher Education Guidance through PSHE lessons & assemblies. Year 9 Options Process & enrollment in Unifrog



### Key Stage 4: Years 10 & 11

UK National Curriculum

IGCSE 2-year course. Ongoing internal Assessments & Final External Examination

'Wider World' Enterprise Project, Year 11 Options Process & Individual Career Guidance



### Key Stage 5: Sixth Form: Years 12 & 13

UK National Curriculum

A Level 2-year course. Ongoing internal Assessments & Final External Examination

Building of application portfolio, university & career talks, individualised support for university applications including personal statements and Common App essays.



International University Access



# IGCSE and A Levels: Your passport to the world

At Network Secondary School, we are proud to offer our students a globally recognised education through IGCSE and A Level qualifications. These qualifications open doors to world-class universities around the globe, empowering our students to pursue their academic and professional aspirations in countries renowned for their excellence in higher education.





Explore the map below to discover the diverse international destinations where our graduates are continuing their journey toward success.



# Top 10

## Good Reasons To Choose A Subject

1. You like it or find it interesting.
2. You're good at it.
3. You need it or it is useful for your future career.
4. You can develop new skills by doing it.
5. You think you will do well in it.
6. It will give you satisfaction.
7. Your teachers think it is a suitable choice.
8. It will combine well with other subjects and help your general education.
9. You like the method of assessment.
10. It will help build relevant transferable skills.

## Bad Reasons To Choose A Subject

1. Your friends are doing it.
2. You think you should do it even if you don't want to.
3. Your parents think it is a good idea but you don't.
4. You know someone who's done it and they say it's great.
5. It is thought of as a 'cool' subject by some people.
6. You think it will be easy.
7. It sounds good even though you don't know what the course contains.
8. You really like the teacher you've got now.
9. You think it will impress people now or later.
10. You can't think of anything else to choose.



# Your IGCSE Programme of Study





# Core Subjects

*These subjects are studied by all students*



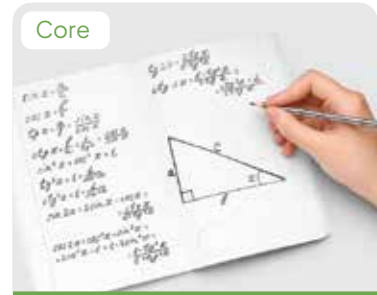
Core

First Language English



Core

Literature in English



Core

Mathematics



Core

Biology



Core

Chemistry



Core

Physics

These subjects are considered 'core' as they are the foundation for ensuring as many future careers routes as possible remain open to students. All students at Network study these subjects in Years 10 and 11 and are entered for the IGCSEs.

## By acceptance only

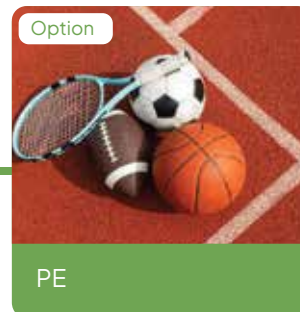
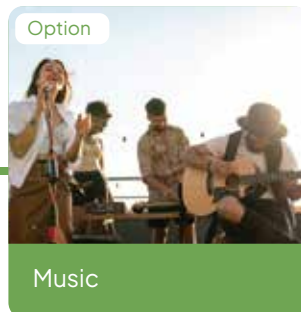
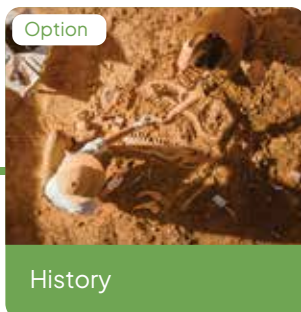
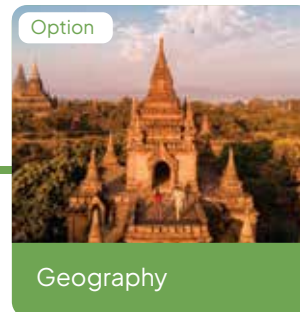
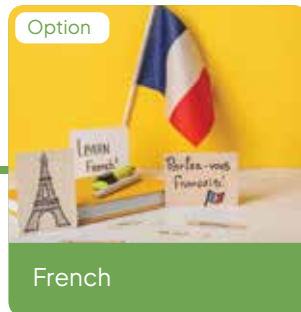
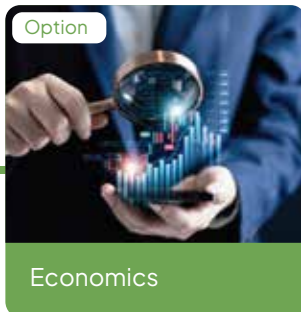
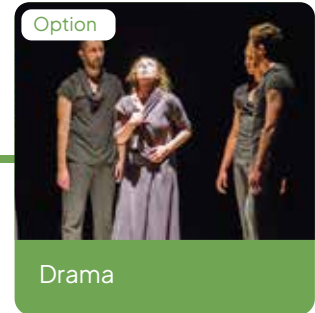
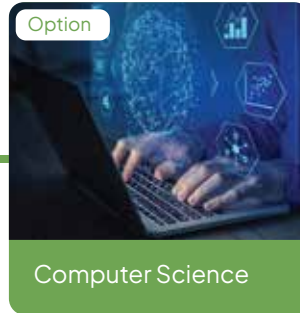
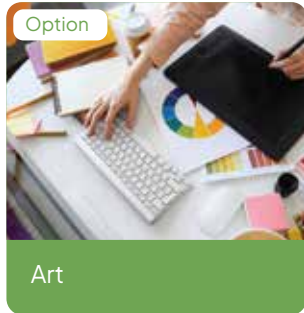


Additional Mathematics

Additional Mathematics is not an essential subject but can be an excellent enrichment and addition for students who are passionate about Mathematics. It is not offered in the options blocks to avoid narrowing the range of subjects in which students gain qualifications. Students wishing to be considered will need to enter for an entrance assessment for the course and already be at a very high level for IGCSE Mathematics as no additional course time is allocated.

# Options Choices

All students will study 3 subjects from this list  
Subjects are grouped into 'blocks' in the timetable based on the initial preferences of current Network Year 9 students.



*\*Business and Economics are not allowed as a combination due to international university requirements for greater breadth.*

## What else will I study?

All Year 10 and 11 students will be part of a tutor group, attend core PE lessons (not assessed for IGCSE) and participate in PSHE via 'drop-down days'.

Myanmar Language, Geography and History will continue to be offered.

Students should continue to participate in House and ECA activities as part of building their Higher Education Portfolios and transferable skills.

Families can request support to enter IGCSE Mandarin as a private candidate if they are using a tutor who can deliver the speaking assessment in school.

### What will I learn?

- Number
- Algebra and graphs
- Coordinate geometry
- Geometry
- Mensuration
- Trigonometry
- Transformations and vectors
- Probability
- Statistics

### Why should I study this subject?

- Problem-Solving
- Logical Reasoning
- Numerical Literacy
- Attention to Detail
- Critical Thinking
- Time Management
- Abstract Thinking
- Pattern Recognition

### How am I assessed?

**Paper 2**  
**(Non-calculator)**

2 hrs

Structured and unstructured questions

**Paper 4**  
**(Calculator)**

2 hrs

Structured and unstructured questions

50%  
IGCSE

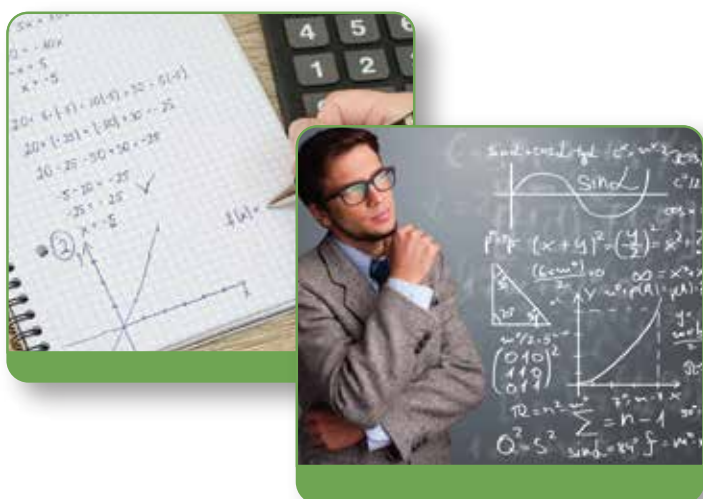
50%  
IGCSE

### Careers

- Actuary
- Software Engineer
- Quantitative Analyst (in Finance)
- Operations Research Analyst
- Cryptographer

**Or...**

**Video Game Designer:** While this might seem like an artistic role, game designers use a deep understanding of mathematical concepts—such as algorithms, probabilities, and geometry—along with problem-solving skills to create realistic physics, in-game economies, and AI systems.





## What will I learn?

- Functions
- Quadratic functions
- Factors of polynomials
- Equations, inequalities and graphs
- Simultaneous equations
- Logarithmic and exponential functions
- Straight-line graphs
- Coordinate geometry of the circle
- Circular measure
- Trigonometry
- Permutations and combinations
- Series
- Vectors in two dimensions
- Calculus

## How am I assessed?

**Paper 1**  
(Non-calculator)

2 hrs

Structured and unstructured questions

**Paper 2**  
(Calculator)

2 hrs

Structured and unstructured questions



## Why should I study this subject?

- Advanced Problem Solving
- Abstract and Theoretical Thinking
- Mathematical Proof and Rigour
- Data Interpretation and Modelling

## Careers

- Actuary
- Data Scientist
- Quantitative Analyst
- Theoretical Physicist
- Aerospace Engineer



# English Language (Oral Endorsement)

CIE 0500 (Core)

IGCSE

## What will I learn?

- Build skills in reading, writing, speaking, and listening
- Read and analyse different texts
- Use texts as inspiration for writing
- Write for different purposes and audiences
- Practise speaking through presentations
- Develop listening skills in conversations

## Why should I study this subject?

- Reading Comprehension
- Persuasion
- Organisation and structure
- Creative Expression
- Cultural awareness and Sensitivity
- Public Speaking
- Redrafting and refining
- Summarising

## How am I assessed?

**Paper 1  
(Reading)**

2 hrs

Structured and extended writing questions. Questions will be based on three reading texts.

**Component 3  
(Coursework portfolio)**

Three extended writing assignments

**Component 4  
(Speaking and Listening Test)**

10–12 Minutes

Individual Talk & Conversation

50%  
IGCSE

50%  
IGCSE

Separately  
Endorsed

## Careers

- Journalist
- Public Relations
- Copywriting
- Marketing and Advertising
- Content Creation and Social Media Management



## What will I learn?

- Read, interpret, and evaluate texts in English
- Understand literal meaning, context, and deeper themes
- Recognise how writers use language for effect
- Present informed, personal responses to texts
- Explore wider, universal issues
- Develop better understanding of themselves and the world

## Why should I study this subject?

- Critical Thinking
- Research Skills
- Writing Skills
- Communication Skills
- Empathy
- Attention to Detail
- Cultural Awareness
- Argumentation



## How am I assessed?

Paper 1  
(Poetry and  
prose)

1 hr 30 mins

Two questions  
on two texts: one  
poetry and one  
prose

Paper 3  
(Drama –  
open text)

45 mins

One question  
on one text

Component 5  
(Coursework)

Portfolio of two  
assignments, each  
on a different text

50%  
IGCSE

25%  
IGCSE

25%  
IGCSE

## Careers

- Publisher
- Screenwriter/Playwright
- Public Relations Specialist
- Journalist
- Copywriter/Content Writer

### Or...

Forensic Linguist : Forensic linguists apply language analysis to legal issues, often working with law enforcement or legal teams to examine language used in written or verbal evidence.



## What will I learn?

- Foundations of Biology
- Cell Processes and Energy
- Nutrition, Transport, and Excretion
- Coordination, Response, and Reproduction
- Ecology and Genetics

## Why should I study this subject?

- Analytical Thinking
- Critical Observation
- Data Interpretation
- Research Skills
- Collaboration
- Problem-Solving
- Attention to Detail
- Ethical Thinking

## Careers

- Healthcare Professional (Doctor, Nurse, Pharmacist)
- Environmental Consultant
- Biotechnologist
- Forensic Scientist
- Agricultural Scientist

**Or...**

Product Designer (for Consumer Goods): Biology knowledge can be surprisingly useful in product design, especially when creating items that must interact with the human body, like ergonomic chairs, wearables, or personal care products.

## How am I assessed?

**Paper 2  
(Multiple  
choice)**

45 mins

40 four-  
option  
multiple-  
choice  
questions

**Paper 4  
(Theory)**

1 hr 15 mins

Short-  
answer  
and  
structured  
questions

**Paper 5  
(Practical  
test)**

1 hr 15 mins

Practical  
investigations  
and structured  
questions

30%  
IGCSE

50%  
IGCSE

20%  
IGCSE



## What will I learn?

- States of matter
- Atoms, elements and compounds
- Stoichiometry
- Electrochemistry
- Chemical energetics
- Chemical reactions
- Acids, bases and salts
- The Periodic Table
- Metals
- Chemistry of the environment
- Organic chemistry
- Experimental techniques and chemical analysis

## How am I assessed?

Paper 2 (Multiple choice)	Paper 4 (Theory)	Paper 5 (Practical test)
45 mins	1 hr 15 mins	1 hr 15 mins
40 compulsory multiple-choice items of the four-choice type	Compulsory short-answer and structured questions	Practical investigations and structured questions

30%  
IGCSE

50%  
IGCSE

20%  
IGCSE

## Why should I study this subject?

- Critical Thinking
- Precision
- Experimentation Skills
- Research Skills
- Problem-Solving
- Teamwork
- Data Interpretation
- Analytical Skills

## Careers

- Pharmacist
- Chemical Engineer
- Food Scientist
- Materials Scientist
- Environmental Chemist

**Or...**

Perfumer (Fragrance Designer): Chemistry is crucial for creating perfumes. Perfumers blend natural and synthetic compounds, using their knowledge of chemical interactions to craft fragrances.



## What will I learn?

- Motion, forces and energy
- Thermal physics
- Waves
- Electricity and magnetism
- Nuclear physics
- Space physics

## Why should I study this subject?

- Analytical Thinking
- Problem-Solving
- Attention to Detail
- Quantitative Reasoning
- Critical Thinking
- Technical Skills
- Collaboration
- Adaptability

## Careers

- Renewable Energy Specialist.
- Aerospace Engineer.
- Data Scientist.
- Medical Physicist.
- Robotics Engineer.

**Or...**

Financial Quantitative Analyst: Physics provides strong analytical and mathematical skills, which are highly transferable to financial markets.

## How am I assessed?

Paper 2  
(Multiple choice)

45 mins

40 four-option multiple-choice questions

Paper 4  
(Theory)

1 hr 15 mins

Short-answer and structured questions

Paper 5  
(Practical test)

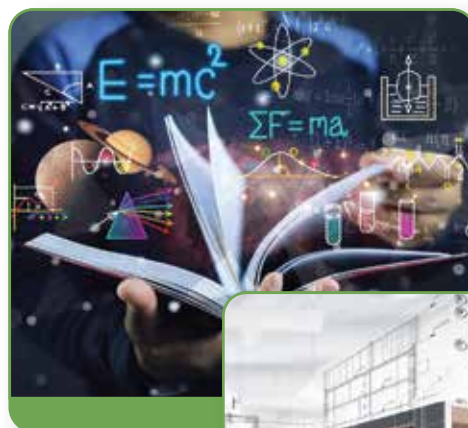
1 hr 15 mins

Practical investigations and structured questions

30%  
IGCSE

50%  
IGCSE

20%  
IGCSE





### What will I learn?

- Painting and related media
- Graphic communication
- Three-dimensional design
- Textiles and fashion
- Photography

### Why should I study this subject?

- Creativity
- Independence
- Time Management
- Problem-Solving
- Visual Communication
- Critical Thinking
- Research Skills
- Self-Discipline

### How am I assessed?

#### Component 1 Coursework

- Portfolio
- Final Outcome

#### Component 2 Externally set assignment

- Supporting Studies
- Final Outcome  
(8 hours)



### Careers

- Art Director
- Fashion Designer
- Graphic Designer
- Animator
- Architect

#### Or...

User Experience (UX) Designer: While it might seem like Art is solely about aesthetics, UX designers use visual and cognitive principles to create intuitive interfaces for websites and apps.



## What will I learn?

- Understanding business activity
- People in business
- Marketing
- Operations management
- Financial information and decisions
- External influences on business activity

## Why should I study this subject?

- Leadership
- Problem-Solving
- Analytical Thinking
- Time Management
- Negotiation Skills
- Research Skills
- Adaptability
- Ethical Reasoning



## How am I assessed?

**Paper 1**  
(Short answer  
and data  
response)

1 hr 30 mins

Four questions  
requiring a mixture  
of short answers  
and structured  
data responses



**Paper 2**  
(Case study)

1 hr 30 mins

Four questions  
based on a case  
study, provided as  
an insert with the  
paper



## Careers

- Marketing Manager
- Entrepreneur
- Human Resources Specialist
- Management Consultant
- Supply Chain Manager

**Or...**

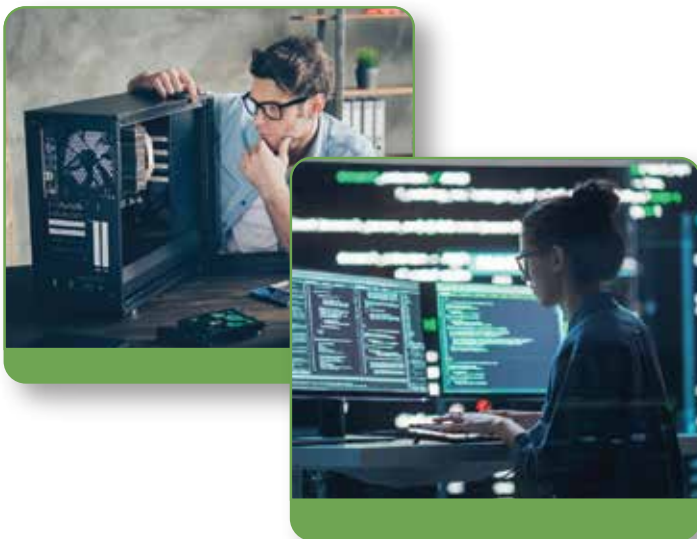
**Film Producer:** Business students develop organisational, financial, and leadership skills that are transferable to managing complex projects, such as film production.

### What will I learn?

- Computer systems
- Data representation
- Data transmission
- Hardware
- Software
- The internet and its uses
- Automated and emerging technologies
- Algorithms, programming and logic
- Algorithm design and problem-solving
- Programming
- Databases
- Boolean logic

### Why should I study this subject?

- Problem-Solving
- Logical Thinking
- Analytical Skills
- Attention to Detail
- Project Management
- Adaptability
- Communication Skills
- Technical Skills



### How am I assessed?

**Paper 1**  
(Computer systems)

1 hr 15 mins

Short-answer and structured questions

**Paper 2**  
(Algorithms, programming and logic)

1 hr 15 mins

Short-answer and structured questions and a scenario-based question

50%  
IGCSE

50%  
IGCSE

### Careers

- Software Developer
- Cybersecurity Analyst
- Data Scientist
- Artificial Intelligence Specialist
- Game Developer

**Or...**

**Ethical Hacker (White-Hat Hacker):** A background in Computer Science is invaluable for ethical hackers who work to identify vulnerabilities in systems and protect them from cyber threats.

### What will I learn?

- The elements of practical drama
- Working with play extracts (acting, directing, designing)
- Creating original drama from various stimuli
- Evaluating personal contribution and final performance
- Using staging and design in performance
- Developing performance skills (individual and group) to convey character and meaning

### Why should I study this subject?

- Creativity
- Teamwork
- Confidence
- Time Management
- Empathy
- Public Speaking
- Adaptability
- Attention to Detail

### How am I assessed?

#### Component 1

2 hrs 30 mins

Written examination

- A Structured questions on a play extract
- B Structured questions on a different extract
- C Writing about own devised work

#### Component 2

Coursework:

- Individual performance
- Group performance based on an extract
- Group performance based on an original devised piece

40%  
IGCSE

60%  
IGCSE

### Careers

- Lawyer
- Actor/ Director
- Stage Manager/ Designer/ Technician
- Event Planner
- Psychotherapist

**Or...**

Crisis Communication Specialist: Dramatic training, with its focus on understanding human emotion, narrative structure, and public speaking, can be applied to crisis communication.





### What will I learn?

- The basic economic problem
- The allocation of resources
- Microeconomic decision-makers
- Government and the macroeconomy
- Economic development
- International trade and globalisation

### Why should I study this subject?

- Analytical Thinking
- Problem-Solving
- Quantitative Skills
- Research Skills
- Communication Skills
- Critical Thinking
- Decision-Making
- Global Awareness

### Careers

- Financial Analyst
- Policy Advisor
- Economic Consultant
- Market Research Analyst
- International Trade Specialist

**Or...**

Sports Analyst: Economics can be surprisingly useful in sports, especially when analysing team performance, player statistics, and financial deals.

### How am I assessed?

#### Paper 1

1 hr

40 multiple-choice questions.

#### Paper 2

2 hrs

One compulsory question with six parts in Section A and three questions from a choice of four in Section B.

30%  
IGCSE

70%  
IGCSE



### What will I learn?

- Everyday activities
- Personal and social life
- The world around us
- The world of work
- The international world

### Why should I study this subject?

- Communication Skills
- Cultural Awareness
- Critical Thinking
- Listening Skills
- Collaboration
- Research Skills
- Adaptability
- Self-Discipline

### Careers

- Translator/Interpreter
  - Diplomat
  - Tourism Manager
  - International Sales Manager
  - Logistics Manager
- Or...
- International Crisis Manager: Proficiency in French, combined with an understanding of global geopolitics, can make you invaluable in managing international crises, whether they involve political, humanitarian, or corporate issues.

### How am I assessed?

Paper 1 (Listening)	Paper 2 (Reading)	Paper 3 (Speaking)	Paper 4 (Writing)
50 mins	1 hr	10 mins	1 hr
Listen to a number of recordings and answer multiple-choice and matching questions.	Read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers.	Complete one role play and conversations on two topics.	One form-filling task, one directed writing task and one task in the format of an email/letter or article/blog



### What will I learn?

- Changing river environments
- Changing coastal environments
- Changing ecosystems
- Tectonic hazards
- Climate change
- Changing populations
- Changing towns and cities
- Development
- Changing economies
- Resource provision

### Why should I study this subject?

- Analytical Skills
- Critical Thinking
- Research Skills
- Data Interpretation
- Problem-Solving
- Communication Skills
- Global Awareness
- Ethical Reasoning



### How am I assessed?

Paper 1 (Physical Geography)	Paper 2 (Human Geography)	Component 3 (Coursework)
1 hr 45 mins	1 hr 45 mins	
Answer 40 multiple-choice questions.	Answer one compulsory question with six parts in Section A and three questions from a choice of four in Section B.	Teachers set one centre-based fieldwork assignment of 1800–2200 words.



### Careers

- Urban Planner
- Climate Change Analyst
- Environmental Consultant
- Travel and Tourism Manager
- Disaster Response Coordinator

**Or...**

Supply Chain Analyst: Geographers excel at spatial analysis and understanding patterns across regions, which are essential skills in managing supply chains.

## What will I learn?

- The Twentieth Century: International Relations since 1919
- Was the Treaty of Versailles fair?
- To what extent was the League of Nations a success?
- How far was Hitler's foreign policy to blame for the outbreak of war in Europe in 1939?
- Who was to blame for the Cold War?
- How effectively did the United States contain the spread of communism?
- How secure was the USSR's control over Eastern Europe, 1948–c.1989?
- Depth study: Germany, 1918 - 1945

## Why should I study this subject?

- Research Skills
- Analytical Thinking
- Critical Thinking
- Communication Skills
- Attention to Detail
- Time Management
- Argumentation
- Evaluative Perspective-Taking



## How am I assessed?

Paper 1 (Structured questions)	Paper 2 (Document questions)	Component 3 (Coursework)
2 hrs	1 hr 45 mins	1 hr 15 mins
Answer two questions from Section A (Core content) and one question from Section B (Depth studies).	Answer one question on one prescribed topic taken from Section A (Core content) from a range of source materials relating to each prescribed topic.	Produce one piece of extended writing based on a depth study.

40%  
IGCSE

30%  
IGCSE

30%  
IGCSE

## Careers

- Archaeologist
- Archivist/ Museum Curator
- Lawyer
- Policy Analyst
- Journalist/Writer

### Or...

Archivist: Corporations, especially large ones, need professionals who can organise and preserve important company records, historical data, and intellectual property.



### What will I learn?

- Baroque music
- Classical music
- Romantic music
- Music and words
- Music for dance
- Music for small ensemble
- Music for stage and screen

### Why should I study this subject?

- Creativity
- Collaboration
- Discipline
- Problem-Solving
- Time Management
- Critical Listening
- Attention to Detail
- Confidence



### How am I assessed?

**Paper 1  
(Listening)**

1 hr 15 mins

Written examination based on listening tracks

**Component 2  
(Performing)**

Performance in two parts: solo performing and performing with others

**Component 3  
(Composing)**

Two contrasting compositions

40%  
IGCSE

30%  
IGCSE

30%  
IGCSE

### Careers

- Sound Engineer
- Music Therapist
- Composer/Arranger/Performer
- Event Manager
- App/Game Music Developer

**Or...**

**Audiologist:** Music students develop a heightened sensitivity to sound and acoustics. Audiologists use this skill to diagnose and treat hearing impairments.

### What will I learn?

- Anatomy and physiology
- Health, fitness and training
- Skill acquisition and psychology
- Social, cultural and ethical influences

### Why should I study this subject?

- Teamwork
- Leadership
- Time Management
- Motivational Skills
- Analytical Skills
- Resilience
- Goal Setting
- Health Awareness



### How am I assessed?

**Paper 1  
(Theory)**

**1 hr 45 mins**

Short and structured questions.

**Component 2  
(Coursework)**

Candidates undertake four physical activities from at least two different categories



### Careers

- Sports Coach
- Physiotherapist
- Fitness Trainer/Nutritionist
- Occupational Therapist/ Personal Trainer
- Sports Manager

**Or...**

Corporate Wellness Consultant: A background in PE can be valuable to companies, as wellness consultants design fitness and health programmes that improve employees' physical and mental well-being, reduce absenteeism, and boost workplace morale.

# Your A Level Programme of Study





# Selecting A Levels

# A Level

## Making Informed Choices

Whilst students are strongly encouraged to make subject choices which align with their own interests, it is also important to ensure appropriate research is conducted on any necessary requirements for university courses. There are often misconceptions around which subjects are required or not required for further study. Our recommendations are to look directly at university websites and other information which comes directly from the universities and courses such as [informedchoices.ac.uk](http://informedchoices.ac.uk) and the UCAS and Common App websites. Our options support team at Network are also available to support with fact checking to help ensure your choices are appropriate for your aspirations.

## Extended Project Qualification (EPQ)

During Year 12, students will complete the Extended Project Qualification. This is an independent research project which involves choosing a topic of personal interest and conducting a detailed research project. The project encourages critical thinking, time management, and self-directed learning, while also allowing students to develop skills in research, analysis, and presentation. The EPQ is beneficial because it enhances university applications, helps develop transferable skills, and provides an opportunity for students to explore a subject in depth beyond their regular curriculum.





# Options Choices

# A Level

All students will study 3 subjects from this list  
Subjects are grouped into 'blocks' in the timetable based on the initial preferences of current Network Year 11 students.



Art & Design



Biology



Business



Chemistry



Computer Science



Drama



Economics



French



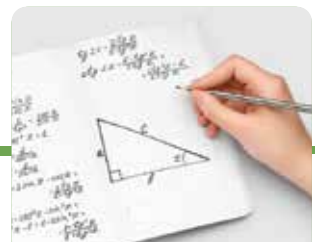
Geography



History



Literature in English



Mathematics



Music

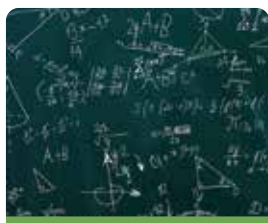


PE



Physics

\*Business and Economics are not allowed as a combination due to international university requirements for greater breadth.



Further Mathematics

Please note this is only available as a 4th A Level choice and by prior approval

Progression to A Levels is dependent on a minimum of 5 or more IGCSEs at grade C or above, and B or above in the chosen A Level subjects.

## What else will I study?

All Year 12 and 13 students will be part of a tutor group, and attend support sessions on preparing for Higher Education and living independently.

Myanmar Language, Geography and History as well as PE opportunities will continue to be offered.

Students should continue to participate in House and ECA activities as part of building their Higher Education Portfolios and developing transferable skills.

## Preparing for University Applications

Alongside the academic study of A Levels and EPQ, Sixth Formers at Network Secondary are supported through the process of applying to university. To begin with, this involves building a strong portfolio of activities which may include:



Sports participation



Commitment to extracurricular activities  
e.g. school play or MUN



Charity and Service activities



Student Leadership participation



Work experience or internships



Wider reading or involvement in subject areas



Online courses and enrichment

Students are supported through the process of researching and refining course choices and preparing strong applications, often involving particular support for entrance essays, personal statements and scholarship applications.

## What will I learn?

- Fine art
- Graphic communication
- Three-dimensional design
- Textiles and fashion

## Why should I study this subject?

- Creativity
- Attention to Detail
- Time Management
- Problem-Solving
- Visual Communication
- Critical Thinking
- Research Skills
- Self-Discipline

## Careers

- Art Director
- Curator
- Graphic Designer
- Animator
- Architect

**Or...**

User Experience (UX) Designer : While it might seem like Art is solely about aesthetics, UX designers use visual and cognitive principles to create intuitive interfaces for websites and apps.

## How am I assessed?

Component 1 (Coursework)	Component 2 (Externally set assignment)	Component 3 (Personal investigation)
Research, develop and realise a project from one area of study in the syllabus content	Choose one starting point to develop into a personal response	Investigate a theme, idea, concept or process that is personal to them

25%  
A Level

25%  
A Level

50%  
A Level



## What will I learn?

- Cell Biology & Structure
- Biological Molecules & Processes
- Transport & Gas Exchange
- Immunity & Disease
- Homeostasis & Coordination
- Genetics & Evolution
- Biodiversity & Conservatism
- Practical Skills

## Why should I study this subject?

- Analytical Thinking
- Critical Observation
- Data Interpretation
- Research Skills
- Collaboration
- Problem-Solving
- Attention to Detail
- Ethical Thinking



## How am I assessed?

Paper 1 (Multiple choice)	Paper 2 (Theory)	Paper 3 (Advanced practical skills)	Paper 4 (Advanced Theory)	Paper 5 (Planning, analysis and evaluation)
1 hr 15 mins	1 hr 15 mins	2 hrs	2 hrs	1 hr 15 mins
40 Multiple-choice questions	Structured questions	Practical work and structured questions	Structured questions	Questions are based on the practical skills of planning, analysis and evaluation.



## Careers

- Healthcare Professional (Doctor, Nurse, Pharmacist)
- Environmental Consultant
- Biotechnologist
- Forensic Scientist
- Agricultural Scientist

**Or...**

Product Designer (for Consumer Goods): Biology knowledge can be surprisingly useful in product design, especially when creating items that must interact with the human body, like ergonomic chairs, wearables, or personal care products.



### What will I learn?

- Business and its environment
- Human resource management
- Marketing
- Operations management
- Finance and accounting

### Why should I study this subject?

- Leadership
- Problem-Solving
- Analytical Thinking
- Time Management
- Negotiation Skills
- Research Skills
- Adaptability
- Ethical Reasoning

### How am I assessed?

Paper 1 (Business concepts)	Paper 2 (Business concepts 2)	Paper 3 (Business decision-making)	Paper 4 (Business strategy)
1 hr 15 mins	1 hr 30 mins	1 hr 45 mins	1 hr 15 mins
Section A: four short answer questions. Section B: one essay from a choice of two	Two data response questions. There are six parts to each question	Five questions based on a case study	Two essay questions based on a case study



### Careers

- Marketing Director
- Entrepreneur
- Human Resources Specialist
- Management Consultant
- Supply Chain Manager

Or...

Film Producer: Business students develop organisational, financial, and leadership skills that are transferable to managing complex projects, such as film production.



### What will I learn?

- Physical chemistry
- Inorganic chemistry
- Organic chemistry
- Analytical Techniques
- Practical Skills

### Why should I study this subject?

- Critical Thinking
- Precision
- Experimentation Skills
- Research Skills
- Problem-Solving
- Teamwork
- Data Interpretation
- Analytical Skills

### Careers

- Pharmacist
- Chemical Engineer
- Food Scientist
- Materials Scientist
- Environmental Chemist

**Or...**

Perfumer (Fragrance Designer): Chemistry is crucial for creating perfumes. Perfumers blend natural and synthetic compounds, using their knowledge of chemical interactions to craft fragrances.

### How am I assessed?

Paper 1 (Multiple choice)	Paper 2 (Theory)	Paper 3 (Advanced practical skills)	Paper 4 (Advanced Theory)	Paper 5 (Planning, analysis and evaluation)
1 hr 15 mins	1 hr 15 mins	2 hrs	2 hrs	1 hr 15 mins
40 Multiple-choice questions	Structured questions	Practical work and structured questions	Structured questions	Questions are based on the practical skills of planning, analysis and evaluation

15.5%  
A Level

23%  
A Level

11.5%  
A Level

38.5%  
A Level

11.5%  
A Level



### What will I learn?

- Computer Systems & Hardware
- Software & Programming
- Data & Communication
- Security & Ethics
- AI & Problem Solving
- Communication

### Why should I study this subject?

- Problem-Solving
- Logical Thinking
- Analytical Skills
- Attention to Detail
- Project Management
- Adaptability
- Communication Skills
- Technical Skills

### Careers

- Software Developer
- Cybersecurity Analyst
- Data Scientist
- Artificial Intelligence Specialist
- Game Developer

#### Or...

Ethical Hacker (White-Hat Hacker): A background in Computer Science is invaluable for ethical hackers who work to identify vulnerabilities in systems and protect them from cyber threats.

### How am I assessed?

Paper 1 (Theory fundamentals)	Paper 2 (Fundamental problem-solving and programming skills)	Paper 3 (Advanced theory)	Paper 4 (Practical)
1 hr 30 mins	2 hrs	1 hr 30 mins	2 hr 30mins
Structured Questions	Structured Questions Including use of pseudocode	Structured Questions	Programming and Testing Code



### What will I learn?

- Dramatic Texts & Performance Context
- Dramatic Skills & Devising
- Acting Skills
- Working with Scripts
- Performance structures & Themes
- Practitioners, Styles & Genres

### Why should I study this subject?

- Creativity
- Teamwork
- Confidence
- Time Management
- Empathy
- Public Speaking
- Adaptability
- Attention to Detail

### Careers

- Lawyer
- Actor/Director
- Stage Manager/ Designer/ Technician
- Event Planner
- Psychotherapist

#### Or...

Crisis Communication Specialist: Dramatic training, with its focus on understanding human emotion, narrative structure, and public speaking, can be applied to crisis communication.

### How am I assessed?

Component 1 (Written exam)	Component 2 (Practical drama)	Component 3 (Theatre-making and performing)	Component 4 (Theatre in context)
1 hr 15 mins Open-book exam on two set texts	Coursework 10–15 minute devised piece 3 minute self-evaluation 10–25 minute scripted performance	Coursework 15–20 minute group devised performance 800 word analysis and evaluation 6–8 minute individual performance	Coursework 2500–3000 word research essay





### What will I learn?

- The basic economic ideas and resource allocation
- The price system and the microeconomy
- Government microeconomic intervention
- The macroeconomy
- Government macroeconomic intervention
- International economic issues

### How am I assessed?

Paper 1 (Multiple choice)	Paper 2 (Data response and essays)	Paper 3 (Multiple choice)	Paper 4 (Response and essays)
1 hr	2 hrs	1 hr 15 mins	2 hrs
30 Multiple-choice questions	One data response question and two essays	30 Multiple-choice questions	One data response question and two essays



### Why should I study this subject?

- Analytical Thinking
- Problem-Solving
- Quantitative Skills
- Research Skills
- Communication Skills
- Critical Thinking
- Decision-Making
- Global Awareness

### Careers

- Financial Analyst
- Policy Advisor
- Economic Consultant
- Market Research Analyst
- International Trade Specialist

**Or...**

Sports Analyst: Economics can be surprisingly useful in sports, especially when analysing team performance, player statistics, and financial deals.



### What will I learn?

- Study of international poetry, prose, and drama across genres
- Emphasis on close reading, analysis, and interpretation of texts (including unseen texts)
- Personal response to texts
- Exploration of genre conventions and contexts
- Evaluation of opinions and ideas of others including literary critics
- Critical perspectives

### Why should I study this subject?

- Critical Thinking
- Research Skills
- Writing Skills
- Communication Skills
- Empathy
- Attention to Detail
- Cultural Awareness
- Argumentation



### How am I assessed?

Paper 1 (Drama and poetry)	Paper 2 (Prose and unseen)	Paper 3 (Shakespeare and drama)	Paper 4 (Pre- and post-1900 poetry and prose)
2 hrs	2 hrs	2 hrs	2 hrs
Two questions: one question from Section A: Drama and one question from Section B: Poetry.	Two questions: one question from Section A: Prose and one question from Section B: Unseen.	Two questions: one question from Section A: Shakespeare and one question from Section B: Drama.	Two questions: one question from Section A: Pre-1900 Poetry and Prose, and one question from Section B: Post-1900 Poetry and Prose.



### Careers

- Publisher
- Screenwriter/Playwright
- Public Relations Specialist
- Journalist
- Copywriter/Content Writer

**Or...**

**Forensic Linguist** : Forensic linguists apply language analysis to legal issues, often working with law enforcement or legal teams to examine language used in written or verbal evidence.

# French Language & Literature A Level

CIE 9898

## What will I learn?

- Culture
- Health & Wellbeing
- Education & Future Plans
- Community & Society
- Our responsibility for the planet
- Science and Technology
- Literature in French

## Why should I study this subject?

- Communication Skills
- Cultural Awareness
- Critical Thinking
- Listening Skills
- Collaboration
- Research Skills
- Adaptability
- Self-Discipline



## How am I assessed?

Paper 1 (Reading)	Paper 2 (Writing)	Paper 3 (Literature)
1 hr 30 mins	2 hrs	2 hrs
Read texts and answer multiple choice and matching questions	1 argumentative/ discursive task 1 narrative/ descriptive task	A: Passage-based questions on a set text B: Essay question on a different set text



## Careers

- Translator/Interpreter
- Diplomat
- Tourism Manager
- International Sales Manager
- Logistics Manager

**Or...**

International Crisis Manager: Proficiency in French, combined with an understanding of global geopolitics, can make you invaluable in managing international crises, whether they involve political, humanitarian, or corporate issues.

### What will I learn?

- Physical geography
- Human geography
- Global environments
- Global themes

### Why should I study this subject?

- Analytical Skills
- Critical Thinking
- Research Skills
- Data Interpretation
- Problem-Solving
- Communication Skills
- Global Awareness
- Ethical Reasoning

### Careers

- Urban Planner
- Climate Change Analyst
- Environmental Consultant
- Travel and Tourism Manager
- Disaster Response Coordinator

#### Or...

Supply Chain Analyst: Geographers excel at spatial analysis and understanding patterns across regions, which are essential skills in managing supply chains.

### How am I assessed?

**Paper 1**  
(Physical Geography)

1 hr 30 mins

Structured questions and one essay question

**Paper 2**  
(Human Geography)

1 hr 30 mins

Structured questions and one essay question

**Paper 3**  
(Global Environments)

1 hr 30 mins

Two structured questions and one essay question

**Paper 4**  
(Global Themes)

1 hr 30 mins

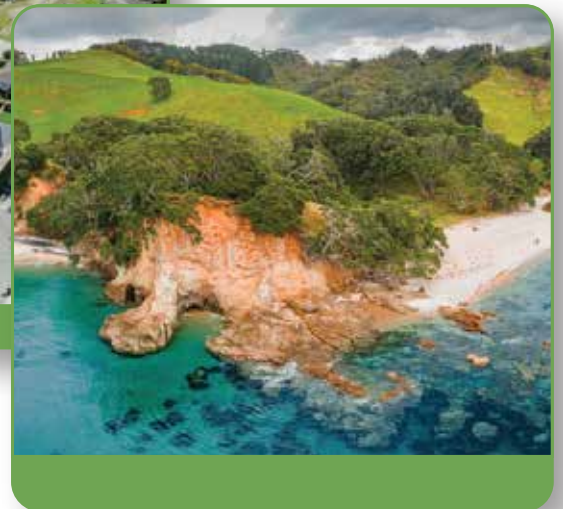
Two structured questions and one essay question

25%  
A Level

25%  
A Level

25%  
A Level

25%  
A Level





## What will I learn?

Selected options from:

- Modern Europe, 1774–1924
- The history of the USA, 1820–1941
- International History, 1870–1939
- The origins of World War One
- The Holocaust
- The origins & development of the Cold War
- European History, 1919–1941
- The USA, 1945–1993
- International History 1909–1994

## How am I assessed?

Paper 1 (Historical sources)	Paper 2 (Outline study)	Paper 3 (Historical interpretations)	Paper 4 (Depth study)
1 hr 15 mins	1 hr 45 mins	1 hr 15 mins	1 hr 45 mins
2-part historical source question	2 × 2 part questions	1 historical interpretation question on one of the topics	2 questions from a choice of 3



## Why should I study this subject?

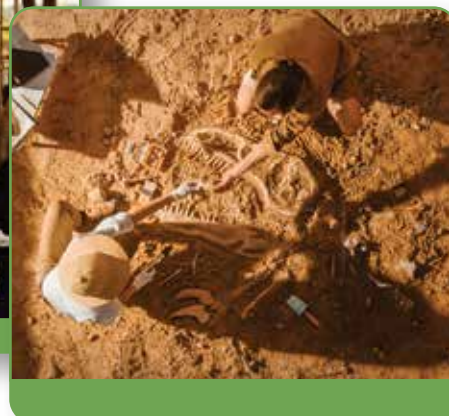
- Research Skills
- Analytical Thinking
- Critical Thinking
- Communication Skills
- Attention to Detail
- Time Management
- Argumentation
- Evaluative Perspective-Taking

## Careers

- Archaeologist
- Archivist/Museum Curator
- Lawyer
- Policy Analyst
- Journalist/Writer

**Or...**

Corporate Archivist: Corporations, especially large ones, need professionals who can organize and preserve important company records, historical data, and intellectual property.



### What will I learn?

- Algebra & Functions
- Geometry & Trigonometry
- Calculus
- Advanced Topics: Series, Vectors & Complex Numbers
- Mechanics
- Probability & Statistics

### Why should I study this subject?

- Problem-Solving
- Logical Reasoning
- Numerical Literacy
- Attention to Detail
- Critical Thinking
- Time Management
- Abstract Thinking
- Pattern Recognition

### Careers

- Actuary
- Software Engineer
- Quantitative Analyst (in Finance)
- Operations Research Analyst
- Cryptographer
- Or...

**Video Game Designer:** While this might seem like an artistic role, game designers use a deep understanding of mathematical concepts—such as algorithms, probabilities, and geometry—along with problem-solving skills to create realistic physics, in-game economies, and AI systems.

### How am I assessed?

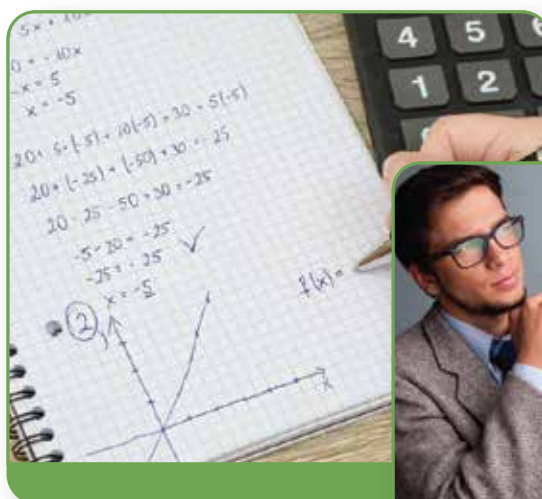
Paper 1 (Pure Maths 1)	Paper 3 (Pure Maths 3)	Paper 4 (Mechanics)	Paper 5 (Probability and Statistics 1)
1 hr 50 mins	1 hr 50 mins	1 hr 15 mins	1 hr 15 mins
10 to 12 structured questions	9 to 11 structured questions	6 to 8 structured questions	6 to 8 structured questions

30%  
A Level

30%  
A Level

20%  
A Level

20%  
A Level



# Mathematics (Further)

## CIE 9231 ( By Acceptance Only)

# A Level

### What will I learn?

- Algebra, Functions & Equations
- Matrices & Vectors
- Calculus & Complex Numbers
- Motion & Mechanics
- Statistics & Probability

### Why should I study this subject?

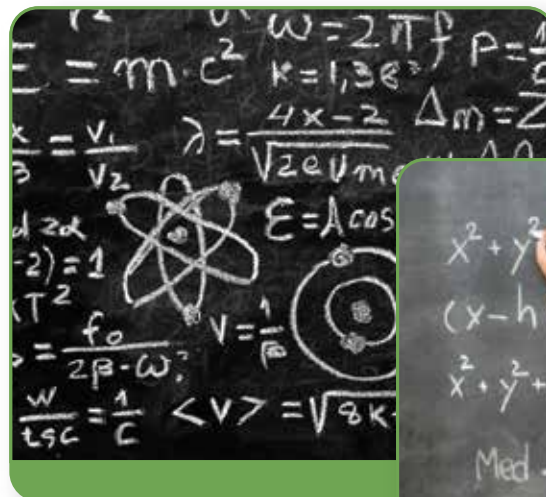
- Advanced Problem Solving
- Abstract and Theoretical Thinking
- Mathematical Proof and Rigour
- Data Interpretation and Modelling

### Careers

- Actuary
- Data Scientist
- Quantitative Analyst
- Theoretical Physicist
- Aerospace Engineer

### How am I assessed?

Paper 1 (Further Pure Maths 1)	Paper 2 (Further Pure Maths 2)	Paper 3 (Further Mechanics)	Paper 4 (Further Probability and Statistics)
2 hrs	2 hrs	1 hr 30 mins	1 hr 30 mins
6 to 8 structured questions	7 to 9 structured questions	5 to 7 structured questions	5 to 7 structured questions



## What will I learn?

- Listening Skills
- Understanding of music including genre
- Compositional Techniques
- Performance Practice
- Use of Western notation
- Selection of areas for deeper personal investigation
- Academic writing to communicate musical understanding

## Why should I study this subject?

- Creativity
- Collaboration
- Discipline
- Problem-Solving
- Time Management
- Critical Listening
- Attention to Detail
- Confidence

## Careers

- Sound Engineer
- Music Therapist
- Composer/Arranger/ Performer
- Event Manager
- App/Game Music Developer

**Or...**

**Audiologist:** Music students develop a heightened sensitivity to sound and acoustics. Audiologists use this skill to diagnose and treat hearing impairments.

## How am I assessed?

All candidates take:

Paper 1 (Listening)	Component 2 (Practical music)
2 hrs	Coursework
A: Compositional Techniques and Performance Practice	6–10 minute performance – two contrasting compositions, 1–2 minutes each
B: Understanding Music	
C: Connecting Music	

Students choose two out of these components:

Component 3 (Extended performance)	Component 4 (Extended composition)	Component 5 (Investigating music)
Coursework	Coursework	Coursework
15–20 minute performance – 1000–1500-word research report	6–8 minute composition – 1000–1500-word research report	2500–3000-word essay – up to 500-word reflective statement

30%  
A Level

20%  
A Level

25%  
A Level

25%  
A Level

25%  
A Level



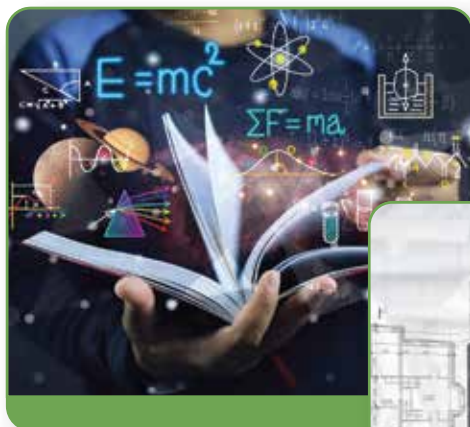


## What will I learn?

- Mechanics & Motion
- Waves & Electricity
- Thermodynamics & Gases
- Magnetism & Quantum Physics
- Particle Physics & Nuclear Physics
- Applied Physics
- Practical Skills

## Why should I study this subject?

- Analytical Thinking
- Problem-Solving
- Attention to Detail
- Quantitative Reasoning
- Critical Thinking
- Technical Skills
- Collaboration
- Adaptability



## How am I assessed?

Paper 1 (Multiple choice)	Paper 2 (AS Level structured questions)	Paper 3 (Advanced practical skills)	Paper 4 (A Level structured questions)	Paper 5 (Planning, analysis and evaluation)
1 hr 15 mins	1 hr 15 mins	2 hrs	2 hrs	1 hr 15 mins
40 Multiple-choice questions	Structured questions	Practical work and structured questions	Structured questions	Two questions

15.5%  
A Level

23%  
A Level

11.5%  
A Level

38.5%  
A Level

11.5%  
A Level

## Careers

- Renewable Energy Specialist
- Aerospace Engineer
- Data Scientist
- Medical Physicist
- Robotics Engineer

**Or...**

Financial Quantitative Analyst: Physics provides strong analytical and mathematical skills, which are highly transferable to financial markets.

# About Network

*Introducing Network International School where collaborative learning and achievement lead to university and career success.*

Network International School is the leading British international school in Yangon and the first to be accredited by BSO (British Schools Overseas). An all-through school, we educate students of approximately 25 nationalities between the ages of 2 to 18 years, from our flexible Early Years programmes up to Primary, Secondary and Sixth Form.

Our mission is to deliver an outstanding education in a world full of opportunity, where our students are equipped to lead rewarding lives, forge successful futures and make their mark on society.

We believe that outstanding academic achievement is as important for future success as the need to develop character and a lifelong love of learning. Our approach is holistic and student-centred, and our BSO-accredited curriculum blends creative and innovative teaching practices with small class sizes and an excellent student-teacher ratio, complemented by an enriching and comprehensive extra-curricular programme of clubs, trips and activities. This balance creates a tailored learning experience for our students which encourages and supports them to explore their passions.

Network International School students go on to achieve great success: our class of '24 were awarded over 60% A\*/A grades in their IGCSEs and 40% A\*/A grades in their A Levels. These extraordinary achievements enable our graduates to secure their first-choice courses ranging from Medicine to Physics, Philosophy and Engineering at some of the leading universities around the world. Underpinning this success is our partnership network between teachers, parents and the wider community, through which we ensure our students are empowered to make a difference to their school, country and our global network.





# **NETWORK** INTERNATIONAL SCHOOL



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## Early Years & Primary

23 Inya Myaing Road  
Bahan Township  
Yangon, 11201

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## Secondary & Sixth Form

32 Highland Avenue  
Pyay Road, Mayangone  
Yangon, 11062

 +95 945 0444 050

 [admissions@networkintlschool.com](mailto:admissions@networkintlschool.com)

 [networkinternationalschool.com](http://networkinternationalschool.com)



Cambridge International School

