

IGCSE Mathematics

Y10 Summer course class structure

| | Description |
|----------|---|
| Lesson 1 | Algebra <small>[1] [1] [SEP]</small> I. Interpretation of inequalities II. Rearrangement of formulae and simplifying III. Simultaneous equation and application IV. Factorization and application V. Learn how to solve equation with variation and inverse variation |
| Lesson 2 | |
| Lesson 3 | Coordinate Geometry and straight lines I. Learn how to plot graphs II. Using the graphs to find out the distance, gradient and also the equation of the line III. Applying inequalities from the last topic to coordinate geometry |
| Lesson 4 | |
| Lesson 5 | Probability <small>[1] [1] [SEP]</small> I. Learning the basic of probability II. Know the difference between discrete and continuous data III. Learn how to combine different event's probability IV. Learn how to draw and use tree diagram V. Learn how to draw and use Venn diagram |
| Lesson 6 | |

Y11 Summer course class structure

| | Description |
|----------|---|
| Lesson 1 | <p>Trigonometry</p> <p>I. Recap of the right-angle trigonometry</p> <p>II. Use of Sine rule and Cosine rule on irregular triangles</p> <p>III. Finding the area of irregular triangles</p> <p>IV. Application of bearings</p> <p>V. Introduction to trigonometric graphs</p> |
| Lesson 2 | |
| Lesson 3 | |
| Lesson 4 | <p>Geometry</p> <p>I. Recap of the basic geometrical terms and rules</p> <p>II. Application of the Pythagoras' theorem</p> <p>III. Learning the concept of tangent and terms in a circle</p> <p>IV. Introduction to circle theorems and cyclic quadrilaterals</p> <p>V. Using similarity to solve different geometrical problems</p> |
| Lesson 5 | |
| Lesson 6 | |

IGCSE Coordinated Science**Y10 Summer course class structure**

| | Description |
|----------|---|
| Lesson 1 | Paper 6 We will go through examination skills on tackling paper 6 - Alternative to practical. |
| Lesson 2 | Balancing equation Review on setting up chemical equations for all types of reactions within the syllabus. |
| Lesson 3 | Bonding, Structures and electron diagram All substances are made of atoms. There are few types of bonding for atoms to form compounds. |
| Lesson 4 | Electricity Symbols and definition of circuits. Important equations in electronics. |
| Lesson 5 | Digestive system How food is broken down into smaller food molecules. |
| Lesson 6 | Transportation (animals and plants) Water and food need to be transported throughout the plants. Circulatory system of animals. |

* Course code of Cambridge IGCSE Co-ordinated Science 0654 Syllabus

Y11 Summer course class structure

| | Description |
|----------|---|
| Lesson 1 | Balancing equation Review on setting up chemical equations for all types of reactions within the syllabus. |
| Lesson 2 | Acid and base How to test the pH of a solution. How acid or base reacts with metals and carbonate. How to prepare different salt. |
| Lesson 3 | Bonding, Structures and electron diagram All substances are made of atoms. There are few types of bonding for atoms to form compounds. |
| Lesson 4 | Digestive system How food is broken down into smaller food molecules. |
| Lesson 5 | Transportation (animals and plants) Water and food need to be transported throughout the plants. Circulatory system of animals. |
| Lesson 6 | Magnetism The study of electromagnet, motor and generator. |

* Course code of Cambridge IGCSE Co-ordinated Science 0654 Syllabus

IGCSE English Language/ Literature

Y10 Summer course class structure

| | Description |
|----------|---|
| Lesson 1 | Analysing fiction texts <ul style="list-style-type: none"> • Skimming for the main idea • Annotating the source • Narrative voice |
| Lesson 2 | Commenting on language <ul style="list-style-type: none"> • Making a point • Providing evidence to support the point • Explain how the evidence supports the point |
| Lesson 3 | Creation of characters <ul style="list-style-type: none"> • Identifying action words • Identifying describing words and figurative language Creation of atmosphere |
| Lesson 4 | Evaluating a fiction text |
| Lesson 5 | Understanding non-fiction sources <ul style="list-style-type: none"> • Identifying the writer's viewpoint • The writer's choice of ideas DAFOREST |
| Lesson 6 | Understanding non-fiction sources Commenting on text structure and sentence types |
| | Mock Exam |

Y11 Summer course class structure

| | Description |
|----------|---|
| Lesson 1 | Analysing fiction texts (Paper 1) <ul style="list-style-type: none"> • Annotating the extract • Extracting information from the extract |
| Lesson 2 | Analysing fiction texts (Paper 1) <ul style="list-style-type: none"> • Commenting on language • PEE paragraphs • Connotations • Figurative language |
| Lesson 3 | Evaluating a fiction text (Paper 1) <ul style="list-style-type: none"> • Structure • Creation of character and atmosphere |
| Lesson 4 | Understanding non-fiction sources (Paper 2) <ul style="list-style-type: none"> • Extracting information from the text • Vocabulary for effect |
| Lesson 5 | Understanding non-fiction sources (Paper 2) <ul style="list-style-type: none"> • Language for different effects • DAFOREST |
| Lesson 6 | Non-fiction sources (Paper 2) <ul style="list-style-type: none"> • Comparing ideas and perspectives |
| | Mock Exam |

IGCSE Chinese First Language**Y10 and Y11 Summer course class structure**

| | Description |
|----------|---|
| Lesson 1 | 介紹 IGCSE 中文第一語言考試模式 閱讀理解練習 學習基本修辭技巧:比喻、擬人、誇張、排比 |
| Lesson 2 | 寫作練習:記敘文 學習記敘手法 |
| Lesson 3 | 閱讀及寫作練習 綜合能力訓練 – (從文章中選取出重點，再用於寫作) |
| Lesson 4 | 寫作練習:描寫文 學習描寫手法 |
| Lesson 5 | 閱讀理解文言文一篇 學習基本古文知識 |
| Lesson 6 | 寫作練習:議論文 學習論證手法 |

IGCSE Chinese Second Language**Y10 and Y11 Summer course class structure**

| | Description |
|----------|--|
| Lesson 1 | 介紹 IGCSE 中文第二語言考試模式 閱讀理解練習 (短問答/選擇題) |
| Lesson 2 | 寫作練習:短文:100-150 字 學習寫作格式:電子郵件 |
| Lesson 3 | 閱讀理解練習:長問答 |
| Lesson 4 | 寫作練習:長文:250 - 300 字 學習寫作格式:校刊 |
| Lesson 5 | 聆聽練習:包含短問答、長問答、選擇題 |
| Lesson 6 | 閱讀理解練習 (短問答/選擇題) 口語練習: 個人演講(2 分鐘) 對話(4 分鐘) 教授對話及演講技巧 |

IGCSE Chinese Foreign Language**Y10 and Y11 Summer course class structure**

| | Description |
|----------|--|
| Lesson 1 | Reading comprehension practice |
| Lesson 2 | Writing practice: Short writing 80-100 words |
| Lesson 3 | Listening: Multiple-choice and short questions only Speaking practice: Conversation |
| Lesson 4 | Writing practice: Long writing 150-200 words |
| Lesson 5 | Reading comprehension practice |
| Lesson 6 | Listening: Multiple-choice and short questions only Speaking practice: Conversation |

IGCSE Economics (Edexcel)

Y11 Summer course class structure

| | Description |
|----------|--|
| Lesson 1 | Microeconomics and Business Economics I. The Market System II. Economic problem and assumptions III. Elasticities IV. Externalities V. Business Economics VI. Production VII. Business costs |
| Lesson 2 | |
| Lesson 3 | Macroeconomics and the Global Economy I. Macroeconomic Objectives II. Government Policies III. LRAS and Supply side policies IV. Relationship between objectives and policies |
| Lesson 4 | |
| Lesson 5 | The Global Economy I. Globalisation II. International Trade III. Protectionism IV. Exchange Rates |
| Lesson 6 | |
| | Mock Exam |

*All units will include notes and diagrams. Furthermore, past papers will be used to further understand the appropriate use of definitions, analysis and evaluative skills.