IGCSE intensive courses

Features of this course:

- Notes, textbooks and past papers will be provided
- Unlike traditional tutorial centers, this course will be fast and precise targeting students who want to get high grades for their IGCSE exams
- Video recording will be provided after lesson for students who cannot attend or students who want to view the lesson again
- Finish IGCSE biology, chemistry and maths within 20 hours or at your own pace! (10 lessons)
- For every 2 hour lesson, there will be at least 30 minutes allocated to practicing relevant past paper questions. Answering techniques will be taught and common questions will be noted. (The first 1.5 hours will be explanation of the notes)

About the tutor:

- Awarded **4A*** in IAL Biology, Chemistry, Maths and Further Maths
- Awarded 10A* in IGCSE
- Currently studying at HKU MBBS
- 95th percentile in UKCAT
- Taught over 50 IGCSE and IAL students with all students scoring A or A*
- Worked for Britannia and tutor 30 students there during the summer

Follow my Instagram:

https://instagram.com/gce_ial_igcse_hk.tutor?igshid=YmMyMTA2M2Y=Follow my Facebook page:

https://www.facebook.com/IAL.IGCSE.tutor?mibextid=LQQJ4d Follow my YouTube channel:

https://youtube.com/@IALandIGCSEintensivecourse

Join this group for free (for more information on university offers from HK/UK, can dm privately for others esp AU/US):

https://chat.whatsapp.com/K6CqAKIz8NKCQpm6K3flJl

科目詳情 Zoom Live 現場授課: ✓ Chemistry ✓ Further Mathematics ✓ Accounting ✓ Business ✓ English ➢ 影片課程(可隨時重溫): ✓ Biology ✓ Chemistry ✓ Physics ✓ Mathematics

IGCSE Chemistry (with reference to the specification:

https://qualifications.pearson.com/content/dam/pdf/International%20GCS E/Chemistry/2017/specification-and-sample-assessments/international-g cse-Chemistry-2017-specification1.pdf)

Lesson	Topics covered	Topics (of the specification as reference)
Lesson 1 and 2 (Video: link will be provided)	States, Element compound and mixture, atomic structure, Periodic table, Mole calculation, Ionic bonding	Correspond to principles of chemistry (part 1)
Lesson 2 (Video link will	Covalent bonding, Metallic bonding, Group 1, Group 7 metals, Gases in the atmosphere	Correspond to principles of chemistry (part 1)

be provided)		and inorganic chemistry (part 2)
Lesson 3 (Video link will be provided)	Reactivity series, Extraction and uses of metals	Correspond to inorganic chemistry (part 2)
Lesson 4 (Video link will be provided)	Acids, alkali and titrations, Acid and base salt preparation	Correspond to inorganic chemistry (part 2)
Lesson 5 (Video link will be provided)	Chemical tests, Electrolysis	Correspond to principles of chemistry (part 1) and inorganic chemistry (part 2)
Lesson 6 (Video link will be provided)	Energetics, Rates of reaction, Reversible reactions and equilibria	Correspond to physical chemistry (part 3)
Lesson 7 (Video link will be provided)	Introduction to organic chemistry, Crude oil, Alkanes, Alkenes	Correspond to organic chemistry (part 4)
Lesson 8 (Video link will be provided)	Alcohols, Carboxylic acid, esters, synthetic polymers	Correspond to organic chemistry (part 4)
Lesson 9 (Video link will be provided)	Summary and overall past paper review	

IGCSE Maths (with reference to the specification:

https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Mathematics%20A/2016/Specification%20and%20sample%20assessments/International-GCSE-in-Mathematics-Spec-A.pdf)

Lesson	Topics covered (of the IGCSE 9-1 Mathematics A Student Book 1 and 2)
Lesson 1 (Video link will be provided)	Unit 1
Lesson 2 (Video link will be provided)	Unit 2
Lesson 3 (Video link will be provided)	Unit 3
Lesson 4 (Video link will be provided)	Unit 4
Lesson 5 (Video link will be provided)	Unit 5
Lesson 6 (Video link will be provided)	Unit 6
Lesson 7 (Video link will be	Unit 7

provided)	
Lesson 8 (Video link will be provided)	Unit 8
Lesson 9 (Video link will be provided)	Unit 9
Lesson 10 (Video link will be provided)	Unit 10
Lesson 11	Past paper drilling + last part of unit 10

Attached below are the contents of the IGCSE 9-1 Mathematics A textbook!

UNIT 1		UNIT 2		UNIT 3	
NUMBER 1 WORKING WITH FRACTIONS ORDER OF OPERATIONS (BIDMAS)	3	NUMBER 2 STANDARD FORM PERCENTAGES PERCENTAGE INCREASE	97	NUMBER 3 PRIME FACTORS HCF AND LCM RATIO	175
SIGNIFICANT FIGURES AND DECIMAL PLACES EXAM PRACTICE SUMMARY	17 18	AND DECREASE ■ EXAM PRACTICE ■ SUMMARY	111 112	■ EXAM PRACTICE ■ SUMMARY	183 184
ALGEBRA 1 SIMPLIFYING ALGEBRAIC EXPRESSIONS SIMPLIFYING ALGEBRAIC EXPRESSIONS WITH BRACKETS SOLVING EQUATIONS	19	ALGEBRA 2 SIMPLIFYING ALGEBRAIC FRACTIONS SOLVING EQUATIONS WITH ROOTS AND POWERS POSITIVE INTEGER INDICES INEQUALITIES	113	ALGEBRA 3 SIMPLE FACTORISING SIMPLIFYING FRACTIONS EQUATIONS WITH FRACTIONS SIMULTANEOUS EQUATIONS	185
EXAM PRACTICE SUMMARY	30 31	■ EXAM PRACTICE ■ SUMMARY	124 125	■ EXAM PRACTICE ■ SUMMARY	199 200
GRAPHS 1 ■ GRADIENT OF A STRAIGHT LINE ■ PLOTTING STRAIGHT-LINE GRAPHS	32	GRAPHS 2 STRAIGHT-LINE GRAPHS SKETCHING STRAIGHT-LINE GRAPHS SIMULTANEOUS EQUATIONS	126	GRAPHS 3 DISTANCE-TIME GRAPHS SPEED-TIME GRAPHS EXAM PRACTICE SUMMARY	201 211 212
STRAIGHT-LINE CONVERSION GRAPHS EXAM PRACTICE SUMMARY	48 49	■ EXAM PRACTICE ■ SUMMARY	135 136		
SHAPE AND SPACE 1 TRIANGLES QUADRILATERALS POLYGONS CONSTRUCTIONS SIMILAR TRIANGLES	50	SHAPE AND SPACE 2 PYTHAGORAS' THEOREM CIRCLE THEOREMS EXAM PRACTICE SUMMARY	137 148 149	SHAPE AND SPACE 3 TANGENT RATIO CALCULATING SIDES CALCULATING ANGLES EXAM PRACTICE SUMMARY	213
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SETS SET NOTATION VENN DIAGRAMS	84	HANDLING DATA 1 STATISTICAL INVESTIGATION PRESENTING DATA	150	HANDLING DATA 2 FREQUENCY TABLES DISCRETE DATA	224
■ EXAM PRACTICE ■ SUMMARY	94 95	■ MISLEADING DATA PRESENT. ■ AVERAGES FOR DISCRETE D. ■ EXAM PRACTICE ■ SUMMARY		EXAM PRACTICE SUMMARY	234 235

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NUMBER 4 COMPOUND PERCENTAGES INVERSE PERCENTAGES EXAM PRACTICE SUMMARY	245 246	NUMBER 5 CALCULATORS ESTIMATING ROUNDING, UPPER AND LOWER BOUNDS EXAM PRACTICE SUMMARY	309 310	FACT FINDERS ANTS FRAGILE EARTH GREAT WHITE SHARK LONDON 2012 OLYMPIC GAMES THE INCREDIBLE HUMAN BODY
ALGEBRA 4 USING FORMULAE CHANGE OF SUBJECT FURTHER FORMULAE EXAM PRACTICE SUMMARY	247 257 258	ALGEBRA 5 MULTIPLYING BRACKETS FACTORISING QUADRATIC EXPRESSIONS SOLVING QUADRATIC EQU BY FACTORISATION PROBLEMS LEADING TO QUADRATIC EQUATIONS EXAM PRACTICE SUMMARY		CHALLENGES
GRAPHS 4 QUADRATIC GRAPHS $y = ax^2 + bx + c$ SOLUTION OF $0 = ax^2 + bx$ EXAM PRACTICE SUMMARY	259 (+ c 269 270	GRAPHS 5 REPRESENTING INEQUALITIES GRAPHICAL PERPENDICULAR LINES MID-POINTS USING PYTHAGORAS' THE EXAM PRACTICE SUMMARY		
SHAPE AND SPACE 4 SINE AND COSINE RATIOS CALCULATING SIDES CALCULATING ANGLES MIXED QUESTIONS EXAM PRACTICE SUMMARY	271 283 284	SHAPE AND SPACE 5 TRANSFORMATIONS TRANSLATIONS REFLECTIONS AND ROTAT ENLARGEMENTS COMBINED TRANSFORMA EXAM PRACTICE SUMMARY	TIONS	
HANDLING DATA 3 MEASURES OF DISPERSION QUARTILES CUMULATIVE FREQUENCY EXAM PRACTICE SUMMARY	285 296 297	HANDLING DATA 4 PROBABLILITY – SINGLE EVENTS EXPERIMENTAL PROBABILITY THEORETICAL PROBABILITY EXAM PRACTICE	357	

UNIT 6 UNIT 7 UNIT 8 NUMBER 6 2 **NUMBER 7** 102 **NUMBER 8** DIRECT PROPORTION RECURRING DECIMALS CONVERTING BETWEEN ADVANCED CALCULATOR UNITS OF LENGTH INVERSE PROPORTION PROBLEMS **CONVERTING BETWEEN UNITS** ■ FRACTIONAL INDICES **EXAM PRACTICE** 110 OF AREA ■ NEGATIVE INDICES CONVERTING BETWEEN UNITS SUMMARY 111 **EXAM PRACTICE** 19 OF VOLUME **SUMMARY** 20 COMPOUND MEASURES **ALGEBRA 7** 112 EXAM PRACTICE **ALGEBRA 6** 21 SOLVING QUADRATIC SUMMARY EQUATIONS BY FACTORISING PROPORTION SOLVING QUADRATIC **INDICES ALGEBRA 8 EQUATIONS BY COMPLETING EXAM PRACTICE** 41 **■** FUNCTIONS THE SQUARE SUMMARY 42 SOLVING QUADRATIC DOMAIN AND RANGE **EQUATIONS USING THE** COMPOSITE FUNCTIONS **SEQUENCES** 43 QUADRATIC FORMULA INVERSE FUNCTION ■ PROBLEMS LEADING TO **EXAM PRACTICE** CONTINUING SEQUENCES QUADRATIC EQUATIONS SUMMARY FORMULAE FOR SEQUENCES ■ THE DIFFERENCE METHOD SOLVING QUADRATIC **INEQUALITIES** FINDING A FORMULA FOR A **GRAPHS 7 ■ EXAM PRACTICE** 125 **SEQUENCE** USING GRAPHS TO SOLVE ARITHMETIC SEQUENCES SUMMARY 126 QUADRATIC EQUATIONS SUM OF AN ARITHMETIC USING GRAPHS TO SOLVE **SEQUENCE GRAPHS 6** 127 OTHER EQUATIONS EXAM PRACTICE 64 CUBIC GRAPHS USING GRAPHS TO SOLVE **SUMMARY** 65 RECIPROCAL GRAPHS NON-LINEAR SIMULTANEOUS **■ EXAM PRACTICE** 138 **EQUATIONS SHAPE AND SPACE 6** 66 SUMMARY **EXAM PRACTICE** 139 SUMMARY ■ CIRCLE THEOREMS 2 ALTERNATE SEGMENT SHAPE AND SPACE 7 140 THEOREM SHAPE AND SPACE 8 ■ CIRCLES INTERSECTING CHORDS SOLIDS **VECTORS AND VECTOR THEOREMS** ■ SIMILAR SHAPES NOTATION **EXAM PRACTICE** 84 **■ EXAM PRACTICE** MULTIPLICATION OF A 164 SUMMARY 85 SUMMARY VECTOR BY A SCALAR 165 **VECTOR GEOMETRY** 86 SETS 2 **EXAM PRACTICE** SETS 3 166 ■ THREE-SET PROBLEMS SUMMARY ■ PROBABILITY PRACTICAL PROBLEMS **■ CONDITIONAL PROBABILITY** SHADING SETS **HANDLING DATA 5** ■ SET-BUILDER NOTATION USING VENN DIAGRAMS **EXAM PRACTICE** 100 **EXAM PRACTICE** 178 ■ LAWS OF PROBABILITY SUMMARY 101 SUMMARY COMBINED EVENTS 179 INDEPENDENT EVENTS AND TREE DIAGRAMS CONDITIONAL PROBABILITY

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EXAM PRACTICE

■ SUMMARY

IGCSE biology (edexcel): (22 chapters in total)

Reference:

https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Biology/2

Lesson	Content	Topics (specification)
Lesson 1 (Video link will be provided)	Organisms and life processes (life process - respiration/ movement of substances/ enzymes/ cell structure/ cell differentiation)	Unit 1 + Ch.1 (of notes)
Lesson 2 (Video link will be provided)	Variety of living organisms Breathing and gas exchange Food and digestion	Unit 2 + Ch.2, Ch.3, Ch.4 (of notes)
Lesson 3 (Video link will be provided)	Blood and circulation Coordination Chemical coordination Homeostasis and Excretion	Unit 2 + Ch.5-Ch.8 (of notes)
Lesson 4 (Video link will be provided)	Reproduction in humans Photosynthesis Transport in plant	Unit 3 + Ch.9-Ch.11(of notes)
Lesson 5 (Video link will be provided)	Chemical coordination in plants Reproduction in plants	Unit 3 + Ch.12-Ch.13 (of notes)
Lesson 6 (Video link will be provided)	Ecosystems Human influences on the Environment Chromosome, genes and DNA	Unit 4 + Ch.14-Ch.16 (of notes)
Lesson 7 (Video link will	Cell division Genes and inheritance Natural selection and evolution	Unit 4 + Ch.17-Ch.19 (of notes)

be provided)		
Lesson 8 (Video link will be provided)	Selective breeding Using microorganisms Genetic modifications	Unit 5 + Ch.20-Ch.22 (of notes)
Lesson 9 (Video link will be provided)	Latest past paper drilling (2021-2022) (ensure all students are able to understand past paper techniques and answer past paper questions correctly!)	

IGCSE further maths (edexcel):

Reference:

https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Further% 20Pure%20Mathematics/2016/Specification%20and%20sample%20assessments/International-GCSE-in-Further-Pure-Mathematics-spec.pdf

Lesson	Content	Topics (book and specification)
Lesson 1	Surds and logarithmic functions Quadratic functions	Ch.1-Ch.2
Lesson 2	Inequalities and identities Sketching polynomials	Ch.3-Ch.4
Lesson 3	Sequence and series Binomial series	Ch.5-Ch.6
Lesson 4	Scalar and vector quantities Rectangular cartesian coordinates	Ch.7-Ch.8
Lesson 5	Differentiation Integration	Ch.9-Ch.10
Lesson 6	Trigonometry	Ch.10-Ch.11

Lesson 7	(if there is delay in lesson rundown) + 2022, 2023 latest past paper drilling	

IGCSE Physics

Specification:

https://qualifications.pearson.com/content/dam/pdf/International%20GCSE/Physics/2017/specification-and-sample-assessments/international-gcse-physics-2017-specification.pdf

(zoom, 2 hours per lesson)

Lesson	Topics covered
Lesson 1 (Video link will be provided)	Unit 1: kinematics + forces + conservation of momentum
Lesson 2 (Video link will be provided)	Hooke's law + moments
Lesson 3 (Video link will be provided)	Unit 2: electricity equations, circuits(calculations + component properties), particle charges and static electricity
Lesson 4 (Video link will be provided)	Unit 3: wave properties, EM spectrum, Doppler effect, light properties, v=f*lambda
Lesson 5 (Video link will be provided)	refractive index change in medium calculations, critical angle, total internal reflection, sound

Lesson 6 (Video link will be provided)	Unit 4: Conservation of energy, energy transfers, work/power equations, KE+GPE
Lesson 7 (Video link will be provided)	Unit 5: density, pressure, change of state(latent heat, specific heat capacity), ideal gas equations
Lesson 8 (Video link will be provided)	Unit 6: Magnetism, electromagnetism(L, R hand rule for motor + induced current), transformers(follow spec)
Lesson 9 (Video link will be provided)	Unit 7: Radioactivity, fission/fusion, half-life calculations
Lesson 10 (Video link will be provided)	Unit 8: Astrophysics

About the tutor:

- Hong Kong Registered Teacher
- 15 years' experience in teaching Accounting, Business studies and Commerce.
- 12 years' experience as a panel head in Accounting and Business Studies.
- Teacher Award for Business and Financial Education Merit Award
- Guest speaker of Education Bureau (EDB) in various Accounting and Business Studies seminars
- Core Member in School-based Support Services organized by the EDB (Accounting and Business Studies)

Professional trainings include:

• Certificate in Professional Development Programme for Middle

Leaders in Schools. 教師專業進修課程證書(學校的中層領導)

- Advanced Course on Catering for Diverse Learning Needs
- 照顧特殊學習需要高級課程 Vocational and Professional Education Training Workshop
- Tier 1 Programme of Project P.A.T.H.S. to adulthood

IGCSE Business Studies regular course (Sept)

Lesson	Topics covered	Topics (of the specification as reference)
Lesson 1 and 2 (Zoom)	Understanding business activity	Business activity Classification of businesses Enterprise, business growth and size Types of business organization Business objectives and stakeholder objectives
Lesson 3 and 4 (Zoom)	People in businesses	Motivating employee Organisation and management Recruitment, selection and training of employees Internal and external communication

Lesson 5 and 6 (Zoom)	Marketing	Marketing, competition and the customer Market research Marketing mix Marketing strategy
Lesson 7 (Zoom)	Operations management	Production of goods and services Costs, scale of production and break-even analysis Achieving quality production Location decisions
Lesson 8 , 9 and 10 (Zoom)	Financial information and decisions	Business finance: needs and sources Cash-flow forecasting and working capital Income statements Statement of financial position Analysis of accounts
Lesson 11 (Zoom)	External influences on business activity	Economic issues Environmental and ethical issues Business and the international economy
Lesson 12 and 13 (Zoom)	Summary and overall past paper review	

IGCSE Accounting regular course

About the tutor:

- Hong Kong Registered Teacher
- 15 years' experience in teaching Accounting, Business studies and Commerce.
- 12 years' experience as a panel head in Accounting and Business Studies.
- Teacher Award for Business and Financial Education Merit Award
- Guest speaker of Education Bureau (EDB) in various Accounting and Business Studies seminars
- Core Member in School-based Support Services organized by the EDB (Accounting and Business Studies)

Professional trainings include:

- Certificate in Professional Development Programme for Middle Leaders in Schools. 教師專業進修課程證書(學校的中層領導)
- Advanced Course on Catering for Diverse Learning Needs
- 照顧特殊學習需要高級課程
- Vocational and Professional Education Training Workshop
- Tier 1 Programme of Project P.A.T.H.S. to adulthood

IGCSE Accounting

l ·	Topics (of the specification as reference)
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Lesson 1 (Video: link will be provided)	The fundamentals of accounting Sources and recording of data	The purpose of accounting The accounting equation The double entry system of book-keeping Business documents Books of prime entry
	Accounting principles and policies	Accounting principles Accounting policies
Lesson 2 (Video link will be provided)	Verification of accounting records (I) Preparation of financial statements	The trial balance Sole traders
Lesson 3 (Video link will be provided)	Accounting procedures	Irrecoverable debts and provision for doubtful debts Valuation of inventory
Lesson 4 (Video link will be provided)	Accounting procedures	Capital and revenue expenditure and receipts Accounting for depreciation and disposal of non-current assets
Lesson 5 (Video link will be provided)	Verification of accounting records (3)	Bank reconciliation
Lesson 6 (Video link will be provided)	Verification of accounting records (4)	Control accounts

Lesson 7 -10 (Video link will be provided)	Preparation of financial statements	Partnerships Limited companies Manufacturing accounts Clubs and societies
Lesson 11 (Video link will be provided)	Analysis and interpretation	Calculation and understanding of accounting ratios Interpretation of accounting ratios Inter-firm comparisons Interested parties Limitations of accounting statement
Lesson 12 (Video link will be provided)	Verification of accounting records (2)	Correction of errors
Lesson 13 (Video link will be provided)	Preparation of financial statements	Incomplete records
Lesson 14-15 (Video link will be provided)	Summary and overall past paper review	

Assessment overview

All candidates take two papers.
Paper 1
1 hour 15 minutes
Multiple Choice 30% 35 marks
Multiple-choice questions

Questions will be based on all syllabus content

Paper 2
1 hour 45 minutes
Structured Written Paper 70% 100 marks
Questions will be based on all syllabus content

IGCSE English as first language

About the tutor:

- Studying literature at University of Glasgow
- Awarded A in A level English literature and A* in coursework, 8.5 in IELTS
- 3+ year of experience tutoring IGCSE and IB English and English literature, teaching 10+ students
- Skilled at exam based training e.g. essay writing skills, solving different question types

IGCSE English First Language

Specification:

https://www.cambridgeinternational.org/Images/596961-2023-syllabus.pdf

(1.5 hours per lesson) - Recommended lesson plan

Lesson	Topics covered
Lesson 1	Introduction to course - review of student ability
Lesson 2	Paper 1 Skills Introduction
Lesson 3	Paper 2 Skills Introduction
Lesson 4	Advanced Paper 1 skills and Trial Paper 1
Lesson 5	Advanced Paper 2 skills and Trial Paper 2
Lesson 6 and onwards	Ongoing consolidating and building on techniques and abilities from lessons 1-5

IGCSE English literature

IGCSE English Literature

Specification:

https://www.cambridgeinternational.org/Images/596436-2023-2025-syllabus.pdf

(1.5 hours per lesson) - Recommended lesson plan

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Lesson	Topics covered
Lesson 1	Introduction to course - review of student ability
Lesson 2	Literary devices introduction and review
Lesson 3	Introduction to Prose and Prose devices
Lesson 4	Introduction to Poetry and Poetry Devices
Lesson 5	Breakdown of chosen prose and sample analysis session
Lesson 6	(Cont.) Analysis of prose work
Lesson 7	Breakdown of chosen poetry and sample analysis session
Lesson 8	(Cont.) Analysis of poetry work
Lesson 9	Introduction to Drama and Drama devices
Lesson 10	Analysis of chosen drama piece

Remarks: Course will be taught in parallel with the English literature course at school to deepen and consolidate student knowledge in the respective skills and chosen texts.

IGCSE English as second language (private tutoring, start at \$550 per hour)

IGCSE Chinese (private tutoring, start at \$550 per hour)