

APT Academic Limited
(summer timetable)

Ms Connie Chan

IGCSE Chemistry 1st year <ul style="list-style-type: none">- States of matter- Atoms, elements and compounds- The Periodic Table- Metals	(Mon) 10:00-11:15
IGCSE Chemistry 2nd year <ul style="list-style-type: none">- Stoichiometry- Chemical reactions- Electrochemistry- Chemical energetics <p>(depends on no. of lessons and progress)</p>	(Sat) 9:15-10:30
IB/IAL Chemistry 1st year <ul style="list-style-type: none">- Stoichiometric relationships- Atomic structure- Periodicity <p>(depends on no. of lessons and progress)</p>	(Mon) 12:45-14:15
IB/IAL Chemistry 2nd year <ul style="list-style-type: none">- Chemical kinetics- Equilibrium- Acids and bases <p>(depends on no. of lessons and progress)</p>	(Tue) 14:15-15:45

Mathematics

IGCSE

International Mathematics 1st year	(Mon) 11:15-12:30
International Mathematics 2nd year	(Fri) 10:00-11:15
Additional Mathematics 1st year	(Mon) 10:00-11:15
Additional Mathematics 2nd year	(Sat) 10:30-11:45

IB Mathematics

Mathematics: applications and interpretation (Standard) 1st year <ul style="list-style-type: none">- Number Skills- Sequence & Series#- Financial Mathematics- Systems of linear Equations- Linear Equations & Graphs- Applications of Functions- Properties of Functions- Geometry of 3D Shapes (depends on the progress of lessons)	(Fri) 12:30-14:00
Mathematics: applications and Approaches (Standard) 1st year <ul style="list-style-type: none">- Sequences & Series- Exponents & Logs- Binomial Theorem- Proofs- Properties of Functions- Quadratics- Rational Functions	(Fri) 10:00-11:15
Mathematics: applications and interpretation (Standard) 1st year <ul style="list-style-type: none">- Differentiation- Integration- Distribution	(Fri) 14:00-15:30
Mathematics: applications and Approaches (Standard) 2nd year <ul style="list-style-type: none">- Differentiation- Integral Calculus- Kinematics	(Fri) 11:15-12:30

Ms Tiffany Chan

IGCSE Physics

lgcse phy (1st year) 1. Measurements (1 lesson) 2. displacement, velocity and acceleration (1 lesson) 3. graph of motions (2 lesson)	(Tue) 14:15-15:30
lgcse phy (2nd year) 1. Static Electricity (2 lessons) 2. Current Electricity (2 lessons)	(sat) 10:30-11:45
IB/IAL HL Mathematics AA/AI (1st year) 1. Sequence and series (2 lessons) 2. exponents and logarithm (1.5 lessons) 3. binomials (1.5 lessons)	(Tue) 15:30-17:00
IB/IAL HL Mathematics AA/AI (2nd year) - Could be discussed 1. Geometry (2 lessons) 2. Trigonometry (2 lessons)	(Fri) 14:00-15:30

L.C. Sir

<p>IGCSE Biology 1st year</p> <p>Topics to be covered</p> <ul style="list-style-type: none">- Cell structure- Movement of substances into and out of cells- Enzymes- Biological molecules (depends on no. of lessons and progress)- Digestive system (depends on no. of lessons and progress) <p>Exam question practice</p>	<p>(Tue) 15:30-16:30 2, 9, 16, 23, 30 / 7 , 6, 13, 20, 27 / 8</p>
<p>IGCSE Biology 2nd year</p> <p>Topics to be covered</p> <ul style="list-style-type: none">- Respiration Gas exchange- The circulatory system (The heart)- Coordination and response- Homeostasis (depends on no. of lessons and progress)- Temperature control Glucose control <p>Exam question drilling</p>	<p>(Tue) 15:30-16:30 2, 9, 16, 23, 30 / 7 , 6, 13, 20, 27 / 8</p>
<p>IB/IAL Biology 1st year</p> <p>(This course is also suitable for A2/ IB 2nd Yr students for revision purpose)</p> <p>Topics to be covered</p> <ul style="list-style-type: none">- Cell biology- Cell membrane- Structure and functions of carbohydrates, lipids and proteins- Enzyme action and rate of reaction- DNA structure (depends on no. of lessons and progress)- DNA replication (depends on no. of lessons and progress) <p>Exam question drilling</p>	<p>(Tue) 16:30-17:45 2, 9, 16, 23, 30 / 7 , 6, 13, 20, 27 / 8</p>

<p>IB/IAL Biology 2nd year Topics to be covered</p> <ul style="list-style-type: none">- Photosynthesis- Respiration- The nervous system- Defence against infectious disease (depends on no. of lessons and progress)- Ecosystem(depends on no. of lessons and progress) <p>Exam question drilling</p>	<p>(Tue) 17:45-18:00 2, 9, 16, 23, 30 / 7 , 6, 13, 20, 27 / 8</p>
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Mr John Yung
Economic

<p>IGCSE Economic 1st year</p> <p>Topics to be covered</p> <ul style="list-style-type: none">- A basic economic problem- Scarcity, opportunity cost and choices- The market system- The demand curve and factors that affect demand- Diagram drawing and analyzing of demand- The supply curve and factors that affect supply- Diagram drawing and analyzing of supply- Market Equilibrium and disequilibrium analysis- Elasticity of demand, supply and income- Exercises will be given	<p>July 1, 8, 15, 22, 27</p> <p>(Monday) 11:00 – 12:15pm</p> <p>August 5, 12</p> <p>(Monday) 11:00 – 12:15pm</p>
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IGCSE Economic 2nd year

Topics to be covered

- Macroeconomics objectives
- Economics growth
- Inflation
- Consequences of inflation
- Unemployment
- Balance of payments on the current account
- Protection of the environment
- Economic policy and policy instruments
- Fiscal Policy
- Monetary Policy
- Supply-side Policy
- Exercises will be given

July 3, 10, 17, 24, 31 (Wednesday) 11:00 – 12:15pm

August 7, 14 (Wednesday) 11:00 – 12:15pm

IB/IAL Economic 1st year

- A basic economic problem (More advance level)
- Scarcity, opportunity cost and choices (More advance level)
- The market system
- The demand curve and factors that affect demand
- The supply curve and factors that affect supply
- Market Equilibrium and disequilibrium analysis
- Price elasticity of demand
- Price elasticity of supply
- Price elasticity of income
- Cross-price elasticity of demand
- Exercises will be given

July 1, 8, 15, 22, 27 (Monday) 12:30 – 2:00pm

August 5, 12 (Monday) 12:30 – 2:00pm

IB/IAL Economic 2nd year

- Costs of production
- Law of diminishing marginal returns
- Long-run costs of product (economies of scales)
- Revenues: total, average, and marginal revenue
- Macroeconomics objectives (More advance level)
- Aggregate demand (AD)
- Aggregate supply (AS)
- Types of unemployment (Calculation + diagrams)
- Consumption Price index (CPI)
- Types of inflation and their causes
- Exercises will be given

July 3, 10, 17, 24, 31 (Wednesday) 12:30 – 2:30pm

August 7, 14 (Wednesday) 12:30 – 2:30pm

Business Studies

<p>IGCSE Business Studies 1st year</p> <p>Topics to be covered</p> <ul style="list-style-type: none">- Business activity- Classification of businesses- Enterprise, business growth and size- Types of business organization- Business objectives and stakeholder objectives- Motivating workers- Organization and management- Recruitment, selection and training of workers- Marketing, competition and the customer- Market research- Marketing mix (Product, price, promotion, place)- Exercises will be given	<p>July 4, 11, 18, 25 (Thursday) 11:00 – 12:15pm</p> <p>August 1, 8, 15 (Thursday) 11:00 – 12:15pm</p>
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<p>IGCSE Business Studies 2nd year</p> <ul style="list-style-type: none"> - Production of goods and services - Costs, scale of production and break-even analysis (Calculation + diagram) - Achieving quality production - Business finance: needs and sources - Cash flow forecasting and working capital (Calculation + analysis) - Income statement - Balance Sheets - Government economic objectives and policies - Environmental and ethical issues - Business and the international economy - Exercises will be given 	<p>July 6, 13, 20, 27 (Saturday)11:00 – 12:15pm</p> <p>August 3,10, 17 (Saturday) 11:00 – 12:15pm</p>
<p>IB/IAL Economic 1st year</p> <ul style="list-style-type: none"> - The nature of business activity - Types of organization - Organizational objectives - Stakeholders - External environment - Organizational planning tools (SWOT analysis + Ansoff matrix) - Growth and evolution - Change and the management of change 	<p>July 4, 11, 18, 25 (Thursday)12:30 – 2:00pm</p> <p>August 1, 8, 15 (Thursday) 12:30 – 2:00pm</p>

<ul style="list-style-type: none"> - Globalization - Exercises will be given 	
<p>IB/IAL Economic 2nd year</p> <ul style="list-style-type: none"> - Sources of finance - Investment appraisal - Working capital - Budgeting - Financial accounts - Ratio Analysis - The role of marketing - Marketing planning - Product Mix (Product, Price, Promotion, Place) - International marketing and e-commerce - Production methods - Costs and revenue - Exercises will be given 	<p>July 6, 13, 20, 27 (Saturday) 12:30 – 2:00pm</p> <p>August 3, 10, 17 (Saturday) 12:30 – 2:00pm</p>

CKY Curriculum Based

Y4 Mathematics	(Wed) 10:00-11:15
Y5 Mathematics	(Wed) 11:15-12:30
Y6 Mathematics	(Wed) 12:30-13:45
Y7 Mathematics	(Wed) 13:45-15:00
Y8 Mathematics	(Fri) 13:15-14:30

Others:

Private or group

Geography, History , English , Chinese

Please Contact us for more details and more available timeslots if needed.