

2023/2024 TOPIC SCHEDULE

SCHEDULE

HSC Maths Extension 2 (HMX2)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Complex Numbers I	Arithmetic & Quadratic Equations
32	Mon 16 Oct - Sun 22 Oct	Complex Numbers II	The Modulus-Argument Form
33	Mon 23 Oct - Sun 29 Oct	Complex Numbers III	Vector Representation
34	Mon 30 Oct - Sun 5 Nov	Complex Numbers IV	Complex Plane
35	Mon 6 Nov - Sun 12 Nov	Complex Numbers V	Polynomials
36	Mon 13 Nov - Sun 19 Nov	Complex Numbers VI	Applications of De Moivre's Theorem
37	Mon 20 Nov - Sun 26 Nov	Complex Numbers VII	Complex Roots
38	Mon 27 Nov - Sun 3 Dec	Proof & Logic I	Proving Inequalities
39	Mon 4 Dec - Sun 10 Dec	Proof & Logic II	Mathematical Induction
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Proof & Logic III	Logical Statements
2	Mon 5 Feb - Sun 11 Feb	Proof & Logic IV	Logical Negation
3	Mon 12 Feb - Sun 18 Feb	Vectors I	Review of Ext.1
4	Mon 19 Feb - Sun 25 Feb	Vectors II	Vectors in Three Dimensions
5	Mon 26 Feb - Sun 3 Mar	Vectors III	Vector Equation of a Line
6	Mon 4 Mar - Sun 10 Mar	Vectors IV	Vector Equation of a Circle
7	Mon 11 Mar - Sun 17 Mar	Integration I	Basic Integrals
8	Mon 18 Mar - Sun 24 Mar	Integration II	Substitution, Quadratic Denominators
9	Mon 25 Mar - Sun 31 Mar	Integration III	Partial Fractions, Trig Integrals
April Holidays			
11	Mon 29 Apr - Sun 5 May	Integration IV	Substitution, Properties of Definite Integrals
12	Mon 6 May - Sun 12 May	Integration V	Parts, Reduction Formulae
13	Mon 13 May - Sun 19 May	Integration VI	Review Questions
14	Mon 20 May - Sun 26 May	Mechanics I	Force & Acceleration
15	Mon 27 May - Sun 2 Jun	Mechanics II	Simple Harmonic Motion I
16	Mon 3 Jun - Sun 9 Jun	Mechanics III	Simple Harmonic Motion II
17	Mon 10 Jun - Sun 16 Jun	Mechanics IV	Horizontal Resisted Motion
18	Mon 17 Jun - Sun 23 Jun	Mechanics V	Vertical Resisted Motion
19	Mon 24 Jun - Sun 30 Jun	Mechanics VI	Projectile Motion
January Holidays			
21	Mon 22 Jul - Sun 28 Jul	Trial Prep I	Preparation for Trials
22	Mon 29 Jul - Sun 4 Aug	Trial Prep II	Preparation for Trials
23	Mon 5 Aug - Sun 11 Aug	Exam Excellence Program I	HSC Mock Exam
24	Mon 12 Aug - Sun 18 Aug	Exam Excellence Program II	HSC Mock Exam
25	Mon 19 Aug - Sun 25 Aug	Exam Excellence Program III	HSC Mock Exam
26	Mon 26 Aug - Sun 1 Sep	Exam Excellence Program IV	HSC Mock Exam
27	Mon 2 Sep - Sun 8 Sep	Exam Excellence Program V	HSC Mock Exam
28	Mon 9 Sep - Sun 15 Sep	Exam Excellence Program VI	HSC Mock Exam
29	Mon 16 Sep - Sun 22 Sep	Exam Excellence Program VII	HSC Mock Exam

SCHEDULE

HSC Maths Extension 1 (HMX1)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Sequences and Series I	Arithmetic
32	Mon 16 Oct - Sun 22 Oct	Sequences and Series II	Geometric
33	Mon 23 Oct - Sun 29 Oct	Mathematical Induction	Sum of Series, Divisibility
34	Mon 30 Oct - Sun 5 Nov	Differential Calculus I	Exponential Functions
35	Mon 6 Nov - Sun 12 Nov	Differential Calculus II	Differentiating Trigonometric Functions
36	Mon 13 Nov - Sun 19 Nov	Differential Calculus III	Geometry of the First Derivative
37	Mon 20 Nov - Sun 26 Nov	Differential Calculus IV	The Second Derivative & Curve Sketching
38	Mon 27 Nov - Sun 3 Dec	Differential Calculus V	Applications of Max & Min Values
39	Mon 4 Dec - Sun 10 Dec	Financial Mathematics	Financial Applications of Series
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Vectors I	Geometric Vectors
2	Mon 5 Feb - Sun 11 Feb	Vectors II	Position Vector, The Scalar Product, Vector Projection
3	Mon 12 Feb - Sun 18 Feb	Vectors III	Using Vectors in Geometry
4	Mon 19 Feb - Sun 25 Feb	Integral Calculus I	Fundamental Theorems of Calculus
5	Mon 26 Feb - Sun 3 Mar	Integral Calculus II	Integration of Exp, Reciprocal & Trig Functions
6	Mon 4 Mar - Sun 10 Mar	Integral Calculus III	Even & Odd Functions, Area Bounded by Curves
7	Mon 11 Mar - Sun 17 Mar	Integral Calculus IV	Compound areas, The trapezoidal rule
8	Mon 18 Mar - Sun 24 Mar	Integral Calculus V	Rates of change, Motion
9	Mon 25 Mar - Sun 31 Mar	Projectile Motion	2-dimensional motion
April Holidays			
11	Mon 29 Apr - Sun 5 May	Trigonometric Equations	Using Compound and Double Angle Formulas
12	Mon 6 May - Sun 12 May	Further Calculus I	Derivatives & Integrals of Inverse Trig Functions
13	Mon 13 May - Sun 19 May	Further Calculus II	Further Trigonometric Integrals
14	Mon 20 May - Sun 26 May	Further Calculus III	Volumes of Solids of Revolution
15	Mon 27 May - Sun 2 Jun	Further Calculus IV	Differential Equations
16	Mon 3 Jun - Sun 9 Jun	Statistical Analysis I	Continuous Random Variables Part I
17	Mon 10 Jun - Sun 16 Jun	Statistical Analysis II	Continuous Random Variables Part II
18	Mon 17 Jun - Sun 23 Jun	Statistical Analysis III	The Normal Distribution
19	Mon 24 Jun - Sun 30 Jun	Statistical Analysis IV	The Binomial Distribution
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	Trial Prep I	Preparation for Trials
22	Mon 29 Jul - Sun 4 Aug	Trial Prep II	Preparation for Trials
23	Mon 5 Aug - Sun 11 Aug	Exam Excellence Program I	HSC Mock Exam
24	Mon 12 Aug - Sun 18 Aug	Exam Excellence Program II	HSC Mock Exam
25	Mon 19 Aug - Sun 25 Aug	Exam Excellence Program III	HSC Mock Exam
26	Mon 26 Aug - Sun 1 Sep	Exam Excellence Program IV	HSC Mock Exam
27	Mon 2 Sep - Sun 8 Sep	Exam Excellence Program V	HSC Mock Exam
28	Mon 9 Sep - Sun 15 Sep	Exam Excellence Program VI	HSC Mock Exam
29	Mon 16 Sep - Sun 22 Sep	Exam Excellence Program VII	HSC Mock Exam

SCHEDULE

HSC Maths Extension 1 Accelerated (HMX1A)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Vectors I	Geometric Vectors
32	Mon 16 Oct - Sun 22 Oct	Vectors II	Position Vector, The Scalar Product, Vector Projection
33	Mon 23 Oct - Sun 29 Oct	Vectors III	Using Vectors in Geometry
34	Mon 30 Oct - Sun 5 Nov	Integral Calculus I	Fundamental Theorems of Calculus
35	Mon 6 Nov - Sun 12 Nov	Integral Calculus II	Integration of Exp, Reciprocal & Trig Functions
36	Mon 13 Nov - Sun 19 Nov	Integral Calculus III	Even & Odd Functions, Area Bounded by Curves
37	Mon 20 Nov - Sun 26 Nov	Integral Calculus IV	Compound areas, The trapezoidal rule
38	Mon 27 Nov - Sun 3 Dec	Integral Calculus V	Rates of change, Motion
39	Mon 4 Dec - Sun 10 Dec	Projectile Motion	2-dimensional motion
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Trigonometric Equations	Using Compound and Double Angle Formulas
2	Mon 5 Feb - Sun 11 Feb	Further Calculus I	Derivatives & Integrals of Inverse Trig Functions
3	Mon 12 Feb - Sun 18 Feb	Further Calculus II	Further Trigonometric Integrals
4	Mon 19 Feb - Sun 25 Feb	Further Calculus III	Volumes of Solids of Revolution
5	Mon 26 Feb - Sun 3 Mar	Further Calculus IV	Differential Equations
6	Mon 4 Mar - Sun 10 Mar	Statistical Analysis I	Continuous Random Variables Part I
7	Mon 11 Mar - Sun 17 Mar	Statistical Analysis II	Continuous Random Variables Part II
8	Mon 18 Mar - Sun 24 Mar	Statistical Analysis III	The Normal Distribution
9	Mon 25 Mar - Sun 31 Mar	Statistical Analysis IV	The Binomial Distribution
April Holidays			
11	Mon 29 Apr - Sun 5 May	Trial Prep I	Preparation for Trials
12	Mon 6 May - Sun 12 May	Trial Prep II	Preparation for Trials
13	Mon 13 May - Sun 19 May	Exam Excellence Program I	HSC Mock Exam
14	Mon 20 May - Sun 26 May	Exam Excellence Program II	HSC Mock Exam
15	Mon 27 May - Sun 2 Jun	Exam Excellence Program III	HSC Mock Exam
16	Mon 3 Jun - Sun 9 Jun	Exam Excellence Program IV	HSC Mock Exam
17	Mon 10 Jun - Sun 16 Jun	Exam Excellence Program V	HSC Mock Exam
18	Mon 17 Jun - Sun 23 Jun	Exam Excellence Program VI	HSC Mock Exam
19	Mon 24 Jun - Sun 30 Jun	Exam Excellence Program VII	HSC Mock Exam

*HMX1A finishes at the end of Term 2 2024

SCHEDULE

HSC Maths Advanced(HMA)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Sequences and Series I	Arithmetic
32	Mon 16 Oct - Sun 22 Oct	Sequences and Series II	Geometric
33	Mon 23 Oct - Sun 29 Oct	Graphing Techniques I	Transformations
34	Mon 30 Oct - Sun 5 Nov	Graphing Techniques II	Solving Inequalities
35	Mon 6 Nov - Sun 12 Nov	Trigonometric Graphs	Trigonometric Graphs
36	Mon 13 Nov - Sun 19 Nov	Differential Calculus I	Powers of x; The Chain, The Product & The Quotient Rule
37	Mon 20 Nov - Sun 26 Nov	Differential Calculus II	Exponential & log functions
38	Mon 27 Nov - Sun 3 Dec	Differential Calculus III	Trigonometric Functions
39	Mon 4 Dec - Sun 10 Dec	Differential Calculus IV	Geometry of the First Derivative
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Differential Calculus V	The Second Derivative, Curve Sketching
2	Mon 5 Feb - Sun 11 Feb	Differential Calculus VI	Applications of Maximum and Minimum Values
3	Mon 12 Feb - Sun 18 Feb	Review of Differential Calculus	HSC-Style Practice Questions
4	Mon 19 Feb - Sun 25 Feb	Integral Calculus I	Fundamental Theorems of Calculus
5	Mon 26 Feb - Sun 3 Mar	Integral Calculus II	Integration of Exp, Reciprocal & Trig Function
6	Mon 4 Mar - Sun 10 Mar	Integral Calculus III	Even & Odd Functions, Area Bounded by Curves
7	Mon 11 Mar - Sun 17 Mar	Integral Calculus IV	Compound areas, The trapezoidal rule
8	Mon 18 Mar - Sun 24 Mar	Integral Calculus V	Rates of change, Motion
9	Mon 25 Mar - Sun 31 Mar	Review of Integral Calculus	HSC-Style Practice Questions
April Holidays			
11	Mon 29 Apr - Sun 5 May	Financial Mathematics I	Compound Interest
12	Mon 6 May - Sun 12 May	Financial Mathematics II	Investments (annuities)
13	Mon 13 May - Sun 19 May	Financial Mathematics III	Reducible interest loans
14	Mon 20 May - Sun 26 May	Review of Series and Finance	HSC-Style Practice Questions
15	Mon 27 May - Sun 2 Jun	Statistical Analysis I	Descriptive Statistics
16	Mon 3 Jun - Sun 9 Jun	Statistical Analysis II	Bivariate Data Analysis
17	Mon 10 Jun - Sun 16 Jun	Statistical Analysis III	Continuous Random Variables Part I
18	Mon 17 Jun - Sun 23 Jun	Statistical Analysis IV	Continuous Random Variables Part II
19	Mon 24 Jun - Sun 30 Jun	Statistical Analysis V	The Normal Distribution
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	Trial Prep I	Preparation for Trials
22	Mon 29 Jul - Sun 4 Aug	Trial Prep II	Preparation for Trials
23	Mon 5 Aug - Sun 11 Aug	Exam Excellence Program I	HSC Mock Exam
24	Mon 12 Aug - Sun 18 Aug	Exam Excellence Program II	HSC Mock Exam
25	Mon 19 Aug - Sun 25 Aug	Exam Excellence Program III	HSC Mock Exam
26	Mon 26 Aug - Sun 1 Sep	Exam Excellence Program IV	HSC Mock Exam
27	Mon 2 Sep - Sun 8 Sep	Exam Excellence Program V	HSC Mock Exam
28	Mon 9 Sep - Sun 15 Sep	Exam Excellence Program VI	HSC Mock Exam
29	Mon 16 Sep - Sun 22 Sep	Exam Excellence Program VII	HSC Mock Exam

SCHEDULE

HSC Maths Standard (HMST)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Types of Relationships I	Solving Equations, Formulae & Changing the Subject of Formulae
32	Mon 16 Oct - Sun 22 Oct	Types of Relationships II	Linear Functions, Direct Linear Variation & Intersection of Lines
33	Mon 23 Oct - Sun 29 Oct	Types of Relationships III	Quadratic Functions, Maximum & Minimum Problems, Exponential Functions
34	Mon 30 Oct - Sun 5 Nov	Types of Relationships IV	Exponential Growth & Decay, Reciprocal Functions & Inverse Variation
35	Mon 6 Nov - Sun 12 Nov	Non-Right-Angled Trigonometry I	Right-Angled Trigonometry, Bearings & Navigation
36	Mon 13 Nov - Sun 19 Nov	Non-Right-Angled Trigonometry II	Sine & Cosine Rules to Find Unknown Sides & Angles
37	Mon 20 Nov - Sun 26 Nov	Non-Right-Angled Trigonometry II	Area of a Triangle & Trigonometric Problems
38	Mon 27 Nov - Sun 3 Dec	Rates & Ratios I	Ratio Problems, Dividing a Quantity in a Given Ratio, Rate Problems, Unit Pricing
39	Mon 4 Dec - Sun 10 Dec	Rates & Ratios II	Speed & Fuel Consumption, Converting Rates
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Rates & Ratios III	Heart Rates, Food & Energy Consumption
2	Mon 5 Feb - Sun 11 Feb	Rates & Ratios IV	Electricity Usage, Cost of Appliances & Energy-Efficient Housing
3	Mon 12 Feb - Sun 18 Feb	Rates & Ratios V	Scale Drawings, Scale Maps & Plans
4	Mon 19 Feb - Sun 25 Feb	Rates & Ratios VI	Offset & Radial Surveys, Volume of Tanks & Dams
5	Mon 26 Feb - Sun 3 Mar	Bivariate Data Analysis I	Scatterplots, Correlation & Line of Best Fit
6	Mon 4 Mar - Sun 10 Mar	Bivariate Data Analysis II	Least Squares Regression Line & Life Expectancy
7	Mon 11 Mar - Sun 17 Mar	The Normal Distribution I	Normal Distribution, z-scores, Comparing z-scores
8	Mon 18 Mar - Sun 24 Mar	The Normal Distribution II	Measures of Central Tendency & Spread, Shape of Distributions
9	Mon 25 Mar - Sun 31 Mar	The Normal Distribution III	Outliers & Comparing Data Sets Using Plots
April Holidays			
11	Mon 29 Apr - Sun 5 May	Network Concepts I	Networks, Eulerian Trails & Circuits
12	Mon 6 May - Sun 12 May	Network Concepts II	Minimum Spanning Trees & Shortest Path
13	Mon 13 May - Sun 19 May	Critical Path Analysis I	Activity Tables, Forward & Backward Scanning, Critical Path
14	Mon 20 May - Sun 26 May	Critical Path Analysis II	Network Flow Problems & Maximum-Flow Minimum-Cut Theorem
15	Mon 27 May - Sun 2 Jun	Investments & Loans I	Simple & Compound Interest, Inflation & Appreciation
16	Mon 3 Jun - Sun 9 Jun	Investments & Loans II	Investing in Shares, Share Tables & Graphs
17	Mon 10 Jun - Sun 16 Jun	Investments & Loans III	Straight-Line & Declining-Balance Depreciation
18	Mon 17 Jun - Sun 23 Jun	Investments & Loans IV	Reducing-Balance Loans & Credit Cards
19	Mon 24 Jun - Sun 30 Jun	Annuities	Annuities & Loan Repayments
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	TBC	TBC
22	Mon 29 Jul - Sun 4 Aug	TBC	TBC
23	Mon 5 Aug - Sun 11 Aug	TBC	TBC
24	Mon 12 Aug - Sun 18 Aug	TBC	TBC
25	Mon 19 Aug - Sun 25 Aug	TBC	TBC
26	Mon 26 Aug - Sun 1 Sep	TBC	TBC
27	Mon 2 Sep - Sun 8 Sep	TBC	TBC
28	Mon 9 Sep - Sun 15 Sep	TBC	TBC
29	Mon 16 Sep - Sun 22 Sep	TBC	TBC

SCHEDULE

HSC Physics (HPHYS)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Advanced Mechanics I	Fundamentals of Advanced Mechanics
32	Mon 16 Oct - Sun 22 Oct	Advanced Mechanics II	Projectile Motion
33	Mon 23 Oct - Sun 29 Oct	Advanced Mechanics III	Circular Motion
34	Mon 30 Oct - Sun 5 Nov	Advanced Mechanics IV	Newton's Law of Universal Gravitation
35	Mon 6 Nov - Sun 12 Nov	Advanced Mechanics V	Gravitational Energy and Work
36	Mon 13 Nov - Sun 19 Nov	Advanced Mechanics VI	Kepler's Law of Planetary Motion
37	Mon 20 Nov - Sun 26 Nov	Assessment I Prep	Advanced Mechanics Revision
38	Mon 27 Nov - Sun 3 Dec	Assessment I Prep	Advanced Mechanics Exam Review
39	Mon 4 Dec - Sun 10 Dec	Practicals and Data Processing	Introduction to Experimental Practice
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Electromagnetism I	Electric Fields
2	Mon 5 Feb - Sun 11 Feb	Electromagnetism II	Magnetic Fields
3	Mon 12 Feb - Sun 18 Feb	Electromagnetism III	The Motor Effect
4	Mon 19 Feb - Sun 25 Feb	Electromagnetism IV	Electromagnetic Induction
5	Mon 26 Feb - Sun 3 Mar	Electromagnetism V	Motors and Generators
6	Mon 4 Mar - Sun 10 Mar	Electromagnetism VI	Revision
7	Mon 11 Mar - Sun 17 Mar	Assessment II Prep	Electromagnetic Exam & Past Paper Questions
8	Mon 18 Mar - Sun 24 Mar	The Nature of Light I	Early models of light, speed of light measurements
9	Mon 25 Mar - Sun 31 Mar	The Nature of Light II	Light as electromagnetic wave, spectroscopy
April Holidays			
11	Mon 29 Apr - Sun 5 May	The Nature of Light III	Double slit diffraction, polarisation
12	Mon 6 May - Sun 12 May	The Nature of Light IV	Blackbody radiation, quantum model of light, photoelectric effect
13	Mon 13 May - Sun 19 May	The Nature of Light V	Special relativity and consequences
14	Mon 20 May - Sun 26 May	Assessment III Preparation	Nature of Light Revision
15	Mon 27 May - Sun 2 Jun	Assessment III Preparation	Nature of Light Exam Review
16	Mon 3 Jun - Sun 9 Jun	From the Universe to the Atom I	Big Bang Theory and Life-cycle of a Star
17	Mon 10 Jun - Sun 16 Jun	From the Universe to the Atom II	'Planetary Model' of the atom
18	Mon 17 Jun - Sun 23 Jun	From the Universe to the Atom III	Quantum Mechanical Models of Atom
19	Mon 24 Jun - Sun 30 Jun	From the Universe to the Atom IV	Nucleons, Isotopes Stability and Radioactive Isotopes
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	From the Universe to the Atom V	Fission and Fusion
22	Mon 29 Jul - Sun 4 Aug	From the Universe to the Atom VI	Our current understanding of Matter and Forces
23	Mon 5 Aug - Sun 11 Aug	Trial Prep	Module 5 & 6 Revision
24	Mon 12 Aug - Sun 18 Aug	Trial Prep	Module 7 & 8 Revision
25	Mon 19 Aug - Sun 25 Aug	Exam Excellence Program II	HSC Mock Exam
26	Mon 26 Aug - Sun 1 Sep	Exam Excellence Program III	HSC Mock Exam
27	Mon 2 Sep - Sun 8 Sep	Exam Excellence Program IV	HSC Mock Exam
28	Mon 9 Sep - Sun 15 Sep	Exam Excellence Program V	HSC Mock Exam
29	Mon 16 Sep - Sun 22 Sep	Exam Excellence Program VI	HSC Mock Exam

* EXP Paper 1 will be offered in the July School Holidays

SCHEDULE

HSC Biology (HBIO)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Heredity I	Reproduction
32	Mon 16 Oct - Sun 22 Oct	Heredity II	Cell Replication
33	Mon 23 Oct - Sun 29 Oct	Heredity III	DNA and RNA
34	Mon 30 Oct - Sun 5 Nov	Heredity IV	DNA Packaging and Protein Structure
35	Mon 6 Nov - Sun 12 Nov	Heredity V	Genes and Alleles
36	Mon 13 Nov - Sun 19 Nov	Heredity VI	Genetic Testing
37	Mon 20 Nov - Sun 26 Nov	Assessment I Prep	Heredity Revision
38	Mon 27 Nov - Sun 3 Dec	Assessment I Prep	Heredity Exam Review
39	Mon 4 Dec - Sun 10 Dec	Heredity: Practicals and Data Processing	Introduction to Experimental Practice
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Genetic Change I	Introduction to Genetic Change
2	Mon 5 Feb - Sun 11 Feb	Genetic Change II	Mutations
3	Mon 12 Feb - Sun 18 Feb	Genetic Change III	Biotechnology
4	Mon 19 Feb - Sun 25 Feb	Genetic Change IV	Biodiversity
5	Mon 26 Feb - Sun 3 Mar	Genetic Change V	Reproductive Technologies
6	Mon 4 Mar - Sun 10 Mar	Genetic Change VI	Using Genetic Technologies
7	Mon 11 Mar - Sun 17 Mar	Assessment II Prep	Genetic Change Revision
8	Mon 18 Mar - Sun 24 Mar	Assessment II Prep	Genetic Change Exam Review
9	Mon 25 Mar - Sun 31 Mar	Genetic Change: Practicals & Data Processing	Research Skills and Investigation Techniques
April Holidays			
11	Mon 29 Apr - Sun 5 May	Infectious Disease I	Introduction to Infectious Disease
12	Mon 6 May - Sun 12 May	Infectious Disease II	Cause of disease; Disease in agriculture
13	Mon 13 May - Sun 19 May	Infectious Disease III	Pathogen
14	Mon 20 May - Sun 26 May	Infectious Disease IV	Immune System
15	Mon 27 May - Sun 2 Jun	Infectious Disease V	Preventing the spread of disease
16	Mon 3 Jun - Sun 9 Jun	Infectious Disease VI	Predict and control spread of disease
17	Mon 10 Jun - Sun 16 Jun	Practicals and Data Processing	Secondary Research and Investigation
18	Mon 17 Jun - Sun 23 Jun	Non-infectious Disease and Disorders I	Homeostasis
19	Mon 24 Jun - Sun 30 Jun	Non-infectious Disease and Disorders II	Cause and Effects of Non-infectious Disease
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	Non-infectious Disease and Disorders III	Epidemiology
22	Mon 29 Jul - Sun 4 Aug	Non-infectious Disease and Disorders IV	Disorder of Ear, Eye and Kidney
23	Mon 5 Aug - Sun 11 Aug	Economic Policies and Management	Labour Market Reforms
24	Mon 12 Aug - Sun 18 Aug	HSC Exam Preparation Section I & II	HSC Exam Preparation Section I & II
25	Mon 19 Aug - Sun 25 Aug	Exam Excellence Program II	HSC Mock Exam
26	Mon 26 Aug - Sun 1 Sep	Exam Excellence Program III	HSC Mock Exam
27	Mon 2 Sep - Sun 8 Sep	Exam Excellence Program IV	HSC Mock Exam
28	Mon 9 Sep - Sun 15 Sep	Exam Excellence Program V	HSC Mock Exam
29	Mon 16 Sep - Sun 22 Sep	Exam Excellence Program VI	HSC Mock Exam

* EXP Paper 1 will be offered in the July School Holidays

SCHEDULE

HSC Chemistry (HCHEM)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Equilibrium and Acid Reactions I	Equilibrium System, Le Chatelier's Principle
32	Mon 16 Oct - Sun 22 Oct	Equilibrium and Acid Reactions II	Collision Theory and Reaction Rate
33	Mon 23 Oct - Sun 29 Oct	Equilibrium and Acid Reactions III	Gibbs Free Energy and Intro to K_{eq}
34	Mon 30 Oct - Sun 5 Nov	Equilibrium and Acid Reactions IV	Calculating K_{eq}
35	Mon 6 Nov - Sun 12 Nov	Equilibrium and Acid Reactions V	K_{eq} and Reaction Quotient
36	Mon 13 Nov - Sun 19 Nov	Equilibrium and Acid Reactions VI	Solution Equilibria
37	Mon 20 Nov - Sun 26 Nov	Equilibrium and Acid Reactions VII	Solubility of an Ionic Substance and K_{sp}
38	Mon 27 Nov - Sun 3 Dec	Assessment I Prep	Equilibrium & Acid Reactions Revision
39	Mon 4 Dec - Sun 10 Dec	Assessment I Prep	Equilibrium & Acid Reactions Exam Review
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Acid/Base Reactions I	Acids and Bases
2	Mon 5 Feb - Sun 11 Feb	Acid/Base Reactions II	Neutralisation
3	Mon 12 Feb - Sun 18 Feb	Acid/Base Reactions III	pH and pOH
4	Mon 19 Feb - Sun 25 Feb	Acid/Base Reactions IV	Salts
5	Mon 26 Feb - Sun 3 Mar	Acid/Base Reactions V	Titration
6	Mon 4 Mar - Sun 10 Mar	Acid/Base Reactions VI	Analysis Techniques
7	Mon 11 Mar - Sun 17 Mar	Acid/Base Reactions VII	Titration Revision Questions
8	Mon 18 Mar - Sun 24 Mar	Organic Chemistry I	Nomenclature of Organic Chemicals
9	Mon 25 Mar - Sun 31 Mar	Organic Chemistry II	VSEPR Theory and Isomerism
April Holidays			
11	Mon 29 Apr - Sun 5 May	Organic Chemistry III	Hydrocarbons
12	Mon 6 May - Sun 12 May	Organic Chemistry IV	Alcohols
13	Mon 13 May - Sun 19 May	Organic Chemistry V	Organic Acids & Bases, Redox Reactions
14	Mon 20 May - Sun 26 May	Organic Chemistry VI	Esters, Soaps and Detergents
15	Mon 27 May - Sun 2 Jun	Organic Chemistry VII	Polymers
16	Mon 3 Jun - Sun 9 Jun	Applying Chemical Ideas I	Flame tests, Precipitation and Complexation Reactions
17	Mon 10 Jun - Sun 16 Jun	Applying Chemical Ideas II	Flame tests, Precipitation and Complexation Reactions
18	Mon 17 Jun - Sun 23 Jun	Applying Chemical Ideas III	Spectroscopy and Colourimetry
19	Mon 24 Jun - Sun 30 Jun	Applying Chemical Ideas IV	Functional Groups, Mass Spectrometry & Detection Test
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	Applying Chemical Ideas V	Magnetic Resonance and IR Spectroscopy
22	Mon 29 Jul - Sun 4 Aug	Applying Chemical Ideas VI	Chemical Synthesis and Harber Process
23	Mon 5 Aug - Sun 11 Aug	Trial Prep	Module 5 & 6 Revision
24	Mon 12 Aug - Sun 18 Aug	Trial Prep	Module 7 & 8 Revision
25	Mon 19 Aug - Sun 25 Aug	Exam Excellence Program II	HSC Mock Exam
26	Mon 26 Aug - Sun 1 Sep	Exam Excellence Program III	HSC Mock Exam
27	Mon 2 Sep - Sun 8 Sep	Exam Excellence Program IV	HSC Mock Exam
28	Mon 9 Sep - Sun 15 Sep	Exam Excellence Program V	HSC Mock Exam
29	Mon 16 Sep - Sun 22 Sep	Exam Excellence Program VI	HSC Mock Exam

* EXP Paper 1 will be offered in the July School Holidays

SCHEDULE

HSC Economics Topic Order 1,2,3,4 (HECO)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	The Global Economy	International economic integration
32	Mon 16 Oct - Sun 22 Oct	The Global Economy	International Trade, financial and investment flows
33	Mon 23 Oct - Sun 29 Oct	The Global Economy	Protectionism
34	Mon 30 Oct - Sun 5 Nov	The Global Economy	Globalisation and Development
35	Mon 6 Nov - Sun 12 Nov	The Global Economy	China Case Study
36	Mon 13 Nov - Sun 19 Nov	Practice Essay I & II	Globalisation & Protectionism
37	Mon 20 Nov - Sun 26 Nov	Assessment I Preparation	Topic 1
38	Mon 27 Nov - Sun 3 Dec	Australia's Place in the Global Economy	Australia as a global trader
39	Mon 4 Dec - Sun 10 Dec	Australia's Place in the Global Economy	Australia's shift to globalisation
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Australia's Place in the Global Economy	Balance of Payments I
2	Mon 5 Feb - Sun 11 Feb	Australia's Place in the Global Economy	Balance of Payments II
3	Mon 12 Feb - Sun 18 Feb	Australia's Place in the Global Economy	Balance of Payments III
4	Mon 19 Feb - Sun 25 Feb	Australia's Place in the Global Economy	Drivers of Exchange rates
5	Mon 26 Feb - Sun 3 Mar	Australia's Place in the Global Economy	Effects of Exchange rate movements
6	Mon 4 Mar - Sun 10 Mar	Assessment II Preparation	Topic 2
7	Mon 11 Mar - Sun 17 Mar	Economic Issues	External stability
8	Mon 18 Mar - Sun 24 Mar	Economic Issues	Objectives & Economic Growth
9	Mon 25 Mar - Sun 31 Mar	Economic Issues	Economic Growth in context of Macro Policy
April Holidays			
11	Mon 29 Apr - Sun 5 May	Economic Issues	Inflation
12	Mon 6 May - Sun 12 May	Economic Issues	Unemployment
13	Mon 13 May - Sun 19 May	Economic Issues	Income inequality
14	Mon 20 May - Sun 26 May	Economic Issues	Environmental Sustainability
15	Mon 27 May - Sun 2 Jun	Assessment III Preparation	Topic 3
16	Mon 3 Jun - Sun 9 Jun	Economic Policies and Management	Fiscal Policy and the Federal Budget
17	Mon 10 Jun - Sun 16 Jun	Federal Budget Review	Federal Budget Review
18	Mon 17 Jun - Sun 23 Jun	Essay Workshop	Essay Writing Practice Questions
19	Mon 24 Jun - Sun 30 Jun	Economic Policies and Management	Balancing Objectives & Limitations of policy
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	Economic Policies and Management	Monetary Policy
22	Mon 29 Jul - Sun 4 Aug	Economic Policies and Management	Microeconomic Policy
23	Mon 5 Aug - Sun 11 Aug	Economic Policies and Management	Labour Market Reforms
24	Mon 12 Aug - Sun 18 Aug	HSC Exam Preparation Sect I & II	Key Concepts, Section I & II
25	Mon 19 Aug - Sun 25 Aug	HSC Exam Preparation Sect III & IV	Section III & IV (Essay Toolkits & Reviews)
26	Mon 26 Aug - Sun 1 Sep	Exam Excellence Program I	HSC Mock Exam and Q&A
27	Mon 2 Sep - Sun 8 Sep	Exam Excellence Program II	HSC Mock Exam and Q&A
28	Mon 9 Sep - Sun 15 Sep	Exam Excellence Program III	HSC Mock Exam and Q&A
29	Mon 16 Sep - Sun 22 Sep	Exam Excellence Program IV	HSC Mock Exam and Q&A

SCHEDULE

HSC Economics Topic Order 3,4,2,1 (HECO)

Week	Dates	Topic	Description
31	Mon 9 Oct - Sun 15 Oct	Economic Issues	Objectives & Economic Growth
32	Mon 16 Oct - Sun 22 Oct	Economic Issues	Economic Growth in context of Macro Policy
33	Mon 23 Oct - Sun 29 Oct	Economic Issues	Inflation
34	Mon 30 Oct - Sun 5 Nov	Economic Issues	Unemployment
35	Mon 6 Nov - Sun 12 Nov	Economic Issues	Income inequality
36	Mon 13 Nov - Sun 19 Nov	Assessment I Preparation	Topic 3
37	Mon 20 Nov - Sun 26 Nov	Economic Issues	Environmental Sustainability
38	Mon 27 Nov - Sun 3 Dec	Essay Workshop	Essay Workshop
39	Mon 4 Dec - Sun 10 Dec	Economic Policies and Management	Fiscal Policy and the Federal Budget
January Holidays			
1	Mon 29 Jan - Sun 4 Feb	Economic Policies and Management	Monetary Policy
2	Mon 5 Feb - Sun 11 Feb	Economic Policies and Management	Microeconomic Policy
3	Mon 12 Feb - Sun 18 Feb	Economic Policies and Management	Labour Market Reforms
4	Mon 19 Feb - Sun 25 Feb	Economic Policies and Management	Balancing Objectives & Limitations of policy
5	Mon 26 Feb - Sun 3 Mar	Assessment II Prep	Topic 4
6	Mon 4 Mar - Sun 10 Mar	Australia's Place in the Global Economy	Australia as a global trader
7	Mon 11 Mar - Sun 17 Mar	Australia's Place in the Global Economy	Balance of Payments I
8	Mon 18 Mar - Sun 24 Mar	Australia's Place in the Global Economy	Balance of Payments II
9	Mon 25 Mar - Sun 31 Mar	Australia's Place in the Global Economy	Balance of Payments III
April Holidays			
11	Mon 29 Apr - Sun 5 May	Australia's Place in the Global Economy	Drivers of Exchange rates
12	Mon 6 May - Sun 12 May	Australia's Place in the Global Economy	Effects of Exchange rate movements
13	Mon 13 May - Sun 19 May	Australia's Place in the Global Economy	Australia's shift to globalisation
14	Mon 20 May - Sun 26 May	Economic Issues	External Stability
15	Mon 27 May - Sun 2 Jun	Assessment III Preparation	Topic 2
16	Mon 3 Jun - Sun 9 Jun	The Global Economy	International economic integration
17	Mon 10 Jun - Sun 16 Jun	The Global Economy	International Trade, financial and investment flows
18	Mon 17 Jun - Sun 23 Jun	The Global Economy	Protectionism
19	Mon 24 Jun - Sun 30 Jun	The Global Economy	Globalisation and Development
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	The Global Economy	China Case Study
22	Mon 29 Jul - Sun 4 Aug	Practice Essay I & II	Globalisation & Protectionism
23	Mon 5 Aug - Sun 11 Aug	Federal Budget Review	Federal Budget Review
24	Mon 12 Aug - Sun 18 Aug	HSC Exam Preparation Sect I & II	Key Concepts, Section I & II
25	Mon 19 Aug - Sun 25 Aug	HSC Exam Preparation Sect III & IV	Section III & IV (Essay Toolkits & Reviews)
26	Mon 26 Aug - Sun 1 Sep	Exam Excellence Program I	HSC Mock Exam and Q&A
27	Mon 2 Sep - Sun 8 Sep	Exam Excellence Program II	HSC Mock Exam and Q&A
28	Mon 9 Sep - Sun 15 Sep	Exam Excellence Program III	HSC Mock Exam and Q&A
29	Mon 16 Sep - Sun 22 Sep	Exam Excellence Program IV	HSC Mock Exam and Q&A

SCHEDULE

HSC English (HENG)

Week	Dates	Topic	Description
32	Mon 16 Oct - Sun 22 Oct	Texts and Human Experiences I	Key Ideas
33	Mon 23 Oct - Sun 29 Oct	Texts and Human Experiences II	Constructing effective short answer responses
34	Mon 30 Oct - Sun 5 Nov	Texts and Human Experiences III	Reading Task: Poetry
35	Mon 6 Nov - Sun 12 Nov	Texts and Human Experiences IV	How to prepare the related text
36	Mon 13 Nov - Sun 19 Nov	Texts and Human Experiences V	Preparing the prescribed text
37	Mon 20 Nov - Sun 26 Nov	Texts and Human Experiences VI	Composing responses to HSC-Style questions
38	Mon 27 Nov - Sun 3 Dec	Texts and Human Experiences VII	Analysing visual and non-fiction texts
39	Mon 4 Dec - Sun 10 Dec	Texts and Human Experiences VIII	Comparative question in section I
January Holidays			
2	Mon 5 Feb - Sun 11 Feb	Module A - Textual Conversations	<div>Prescribed texts offered:<ul style="list-style-type: none">• Keats / Bright Star• Mrs Dalloway / The Hours• The Stranger / The Meursault Investigation• Plath / Hughes• King Richard III / Looking for Richard• Tempest / Hagseed</div>
3	Mon 12 Feb - Sun 18 Feb	Module A - Textual Conversations	
4	Mon 19 Feb - Sun 25 Feb	Module A - Textual Conversations	
5	Mon 26 Feb - Sun 3 Mar	Module A - Textual Conversations	
6	Mon 4 Mar - Sun 10 Mar	Module A - Textual Conversations	
7	Mon 11 Mar - Sun 17 Mar	Module A - Textual Conversations	
8	Mon 18 Mar - Sun 24 Mar	Module A - Textual Conversations	
9	Mon 25 Mar - Sun 31 Mar	Module A - Textual Conversations	
April Holidays			
12	Mon 6 May - Sun 12 May	Module B - Critical Study of Texts	<div>Prescribed texts offered:<ul style="list-style-type: none">• Emma• Great Expectations• An Artist of the Floating World• King Henry IV• T.S. Eliot</div>
13	Mon 13 May - Sun 19 May	Module B - Critical Study of Texts	
14	Mon 20 May - Sun 26 May	Module B - Critical Study of Texts	
15	Mon 27 May - Sun 2 Jun	Module B - Critical Study of Texts	
16	Mon 3 Jun - Sun 9 Jun	Module B - Critical Study of Texts	
17	Mon 10 Jun - Sun 16 Jun	Module B - Critical Study of Texts	
18	Mon 17 Jun - Sun 23 Jun	Module B - Critical Study of Texts	
19	Mon 24 Jun - Sun 30 Jun	Module B - Critical Study of Texts	
July Holidays			
21	Mon 22 Jul - Sun 28 Jul	Module C - Craft of Writing	Syllabus Rubric and FAQ
22	Mon 29 Jul - Sun 4 Aug	Module C - Craft of Writing	The Persuasive Text
23	Mon 5 Aug - Sun 11 Aug	Module C - Craft of Writing	The Discursive Text
24	Mon 12 Aug - Sun 18 Aug	Module C - Craft of Writing	The Imaginative Text
25	Mon 19 Aug - Sun 25 Aug	Module C - Craft of Writing	The Imaginative Text
26	Mon 26 Aug - Sun 1 Sep	Module C - Craft of Writing	The Reflection
27	Mon 2 Sep - Sun 8 Sep	Module C - Craft of Writing	Practice Questions
28	Mon 9 Sep - Sun 15 Sep	Module C - Craft of Writing	Practice Questions

* 8 Week Course

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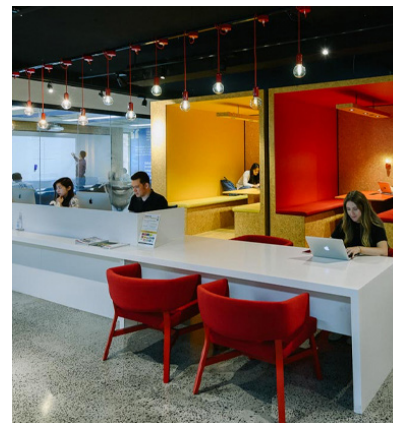
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