HSC**MASTERY**
INTENSIVE HOLIDAY PROGRAM

Monday 8 July – Friday 12 July 2024

TIMETABLE

	Monday 8 July		Tuesday 9 July		Wednesday 10 July		Thursday 11 July		Friday 12 July	
8.30am	English Adv- Lecture 1		English Ext 1 Lecture 2	Physics Lecture 2	English Adv- Lecture 3		Maths Ext 2 Lecture 4	Maths Adv Lecture 4	English Adv- Lecture 5	
9.30am	Chemistry- Lecture 1		Maths Ext 1- Lecture 2		Chemistry- Lecture 3		English Adv- Lecture 4		Maths Ext 2 Lecture 5	Maths Adv Lecture 5
10.30am	RECESS									
11am	Maths Ext 2 Lecture 1	Maths Adv Lecture 1	Economics Lecture 2	Biology Lecture 2	English Ext 1 Lecture 3	Physics Lecture 3	Maths Ext 1- Lecture 4		English Ext 1 Lecture 5	Physics Lecture 4
12 midday	English Ext 1 Lecture 1	Physics Lecture 1	English Adv- Lecture 2		Economics Lecture 3	Biology Lecture 3	English Ext 1 Lecture 4	Physics Lecture 4	Chemistry- Lecture 5	
1pm	LUNCH									
1.30pm	Economics Lecture 1	Biology Lecture 1	Maths Ext 2 Lecture 2	Maths Adv Lecture 2	Maths Ext 2 Lecture 3	Maths Adv Lecture 3	Chemistry- Lecture 4		Economics Lecture 5	Biology Lecture 5
2.30pm	Maths Ext 1- Lecture 1		Chemistry- Lecture 2		Maths Ext 1- Lecture 3		Economics Lecture 4	Biology Lecture 4	Maths Ext 1 – Lecture 5	
3.30pm	Open study- Learning Commons		Open study- Learning Commons		Open study- Learning Commons		Open study- Learning Commons		Open study- Learning Commons	
5pm	END									

* Tutors for all subjects will be available from 1.30 to 5:00pm. Lecturers who are not conducting a session will be available until 3.30pm except for English.

CHEMISTRY
Ms Katrina Harte

1. Review and key points in Module 5
2. Review and key points in Module 6
3. How to tackle calculation questions
4. Review and key points in Module 7
5. How to move your chemistry responses up a band

BIOLOGY
Ms Melanie Hunt

1. Lecture: Review of Modules 5 & 6
2. Lecture: Review of Modules 7 & 8
3. Tutorial: Investigation skills and getting on top of key terminology
4. Tutorial: Unpacking HSC exam questions
5. Tutorial: Mastering HSC exam questions

PHYSICS
Ms Amy Homola

1. Common misconceptions and trickier course content
2. Graphing relationships, must know diagrams and ratios
3. Skills focus; key primary investigations and Scientists
4. Problem solving tips, manipulating formula, units and derivations
5. Examination strategy- extended response and cross-module questions

MATHS EXT 1
Ms Natasha Childers

1. Combinatorics and Binomial
2. Calculus
3. Inverse Trigonometry
4. Vectors and Projectile Motion
5. Extension 1 Statistics

MATHS EXTENSION 2
Dr James Pietsch

1. Complex Numbers – Session 1
2. Complex Numbers – Session 2
3. Vectors
4. Proofs
5. Integration

MATHS ADV
Mr Neel Shah

1. Differential Calculus - Techniques to tackle challenging exam questions
2. Integral Calculus - Compound areas and integrating to logarithms
3. Logs and exponentials - Differentiating and integrating both Logs and Exponentials
4. Trigonometry - Year 11 focus on equations
5. Series and Sequences - Financial annuities and loans

ECONOMICS
Mr Andrew Athavle

1. The HSC Exam
2. The Global Economy
3. Australia in the Global Economy
4. Economic Policies
5. Economic Issues

ENGLISH EXT 1
Ms Andrianna Aliferis

Lecture 1+2: Common Module - Literary Worlds (Deconstruction, Creation, Philosophy) + Exam Readiness

Lecture 3: Elective Focus: Worlds of Upheaval (Deconstruction of literary worlds within this epoch and elective - Frankenstein, and Metropolis) + Exam Readiness

Lectures 4+5: Elective Focus: Worlds of Upheaval (Deconstruction of literary worlds within this elective - Metropolis and Waiting for Godot) + Exam Readiness

ENGLISH ADV
Ms Andrianna Aliferis

Lectures 1+2: Common Module - Texts and Human Experiences, with a focus on The Merchant of Venice, Short Answer Responses, Critical Analysis + Exam Readiness

Lecture 3: Module C - The Craft of Writing: Critique of Craft, Experimentation + Exam Readiness

Lectures 4+5: Module B - Great Expectations, and Module A - Textual Conversations - The Poetry of Plath and Hughes: Analytical and Philosophical Insights + Exam Readiness