

Course Syllabus – Final Semester 2/2020

Subject: Mathematics

Year Level: Year 12

Unit	Topics	Contents
1	Applications of integration	Introduction to applications of integration
	Applications of integration	Finding an area using integration
	Applications of integration	Area between a curve and the x-axis
	Applications of integration	Area between a curve and the y-axis
	Applications of integration	Area between a curve and a line in the form of $f(x)$
	Applications of integration	Area between a curve and a line in the form of $f(y)$
	Applications of integration	Area of a region bounded by a curve $y= f(x)$ and a line $y=mx + c ; m \neq 0$
	Applications of integration	End of chapter test

Course Syllabus – Final Semester 2/2020

Subject: English Enrichment

Year Level: Year 12

Unit	Topics	Contents
Unit 6	Mystery	<input type="checkbox"/> Introduction to what mystery is <input type="checkbox"/> Crime at the manor <input type="checkbox"/> Reported speech (statements) <input type="checkbox"/> Crime writers
Unit 7	Real Relationships	<input type="checkbox"/> Relationships <input type="checkbox"/> Comparison <input type="checkbox"/> Love poems <input type="checkbox"/> Talking about imaginary situations <input type="checkbox"/> Love on the internet

Unit 8	Globetrotters	<input type="checkbox"/> Getting from A to B <input type="checkbox"/> The passive voice (review) <input type="checkbox"/> Indefinite pronouns <input type="checkbox"/> A year away
Unit 9	Money, Money, Money!	<input type="checkbox"/> Money and payment <input type="checkbox"/> Have something done <input type="checkbox"/> Advertising
Unit 10	Be Creative	<input type="checkbox"/> Performers <input type="checkbox"/> Participle clauses <input type="checkbox"/> Music festivals <input type="checkbox"/> Determiners <input type="checkbox"/> Beautiful minds

Course Syllabus – Final Semester 2/2020

Subject: Extra English

Year Level: Year 12

Unit	Topics	Contents
6	“I have no Mouth...” Cont.	<input type="checkbox"/> Reported speech (statements)
7	How Might a Future as Depicted in the Story Come About?	<input type="checkbox"/> Comparison <input type="checkbox"/> Talking about imaginary situations <input type="checkbox"/> The internet
8	Winding Down	<input type="checkbox"/> Getting from A to B <input type="checkbox"/> The passive voice (review) <input type="checkbox"/> Indefinite pronouns
9	If There is Time	<input type="checkbox"/> Have something done <input type="checkbox"/> Advertising
10	Be Creative	<input type="checkbox"/> Participle clauses <input type="checkbox"/> Determiners <input type="checkbox"/> Beautiful minds

Course Syllabus – Final Semester 2/2020

Subject: SCIENCE(ASTRONOMY)

Year Level: Year 12

Unit	Topics	Contents
1	Constellations	What's a constellation? Are the stars in a constellation near each other? How are constellations named?
2	Kepler's laws	Kepler's laws of planetary motion First Law: Planetary orbits are elliptical with the sun at a focus. Second Law: The radius vector from the sun to a planet sweeps equal areas in equal times. Third Law: The ratio of the square of the period of revolution and the cube of the ellipse semi major axis is the same for all planet

Course Syllabus – Final Semester 2/2020

Subject: Economics

Year Level: Year 12

Unit	Topics	Contents
5	Market Intervention	5.1 Price – intervention 5.2 Quantity intervention – Quota 5.3 Sales Tax 5.4 Per – unit subsidy <ul style="list-style-type: none">● Concept Map● Revision

Course Syllabus – Final Semester 2/2020

Subject: Physical Education

Year Level: Year 12

Unit	Topics	Contents
5	Team Sport	advanced Basketball - Offensive and Defensive Plan
6	Practical Test (Catch Up Activities)/ Other Sports	Practical Test (Catch Up Activities)/Play other sports.

Course Syllabus – Final Semester 2/2020

Subject: Chinese Language

Year Level: Year 12

Unit	Topics	Contents
11	Lesson 14 : Welcome to my home.	<ul style="list-style-type: none"> - Teach students how to host a guest with a proper conversation. - Explain the difference between 或者 and 还是 to all the students.
12	Lesson 15 : Diary	Teach students to write a simple diary in Chinese. Teach students to use autonomous words properly.
13	Dictation	Give students a dictation of Lesson10&12 vocabs to help students memorize the key words.
14	Quiz	Students are given a small test of vocabularies and grammars
15	Reading	Students are given a lesson to read and they should write down the answers.
16	Listening	Students are given some questions from the teacher , they need to practice their listening skill.
17	Speaking	Students are asking to give a short speech in front of the class and the teacher will score them
18	Writing	Students should write down the correct for the questions on the board.

Course Syllabus – Final Semester 2/2020

Subject: Chinese Optinal Language

Year Level: Year 12

Unit	Topics	Contents
11	Listening & Reading	Unit 3

		How to use 过完成 these complement words to describe something has been done.
12	Speaking & Writing	Sense: hospital. Conversation will be written by students and practice together.
13	Listening & Reading	Give students a dictation of Lesson 7&8 vocabs to help students memorize the key words.
14	Quiz	Students are given a small test of vocabularies and grammars
15	Speaking & Writing	Students are given a lesson to read and they should write down the answers.
16	Listening & Reading	Students are given some questions from the teacher; they need to practice their listening skill.
17	Speaking & Writing	Students are asked to give a short speech in front of the class and the teacher will score them.
18	Listening & Reading	Students should write down the correct for the questions on the board.