

**Course Syllabus – Final Semester 2/2020**

**Subject: Mathematics**

**Year Level: Year 11**

<b>Unit</b>	<b>Topics</b>	<b>Contents</b>
1	Statistical applications	Introduction to statistical applications
	Statistical applications	Normal distribution
	Statistical applications	Applications of normal distribution in problem solving
	Statistical applications	Scatter diagram
	Statistical applications	Line of best fit
	Statistical applications	Regression line
	Statistical applications	Chi-squared test
	Statistical applications	Application of chi-squared test in problem solving

**Course Syllabus – Final Semester 2/2020**

**Subject: English Enrichment C,D,E**

**Year Level: Year 11**

<b>Unit</b>	<b>Topics</b>	<b>Contents</b>
Unit 6	Animal Instincts	<ul style="list-style-type: none"><li><input type="checkbox"/> Past perfect tenses (review)</li><li><input type="checkbox"/> Animal sounds</li><li><input type="checkbox"/> Vocabulary Bank: Expressions with animals</li><li><input type="checkbox"/> Stress in phrases</li><li><input type="checkbox"/> Sounding more natural when you speak</li><li><input type="checkbox"/> Animal heroes</li><li><input type="checkbox"/> Telling a story</li><li><input type="checkbox"/> Animals know before</li><li><input type="checkbox"/> Importance of organization</li></ul>
Unit 7	Double Lives	<ul style="list-style-type: none"><li><input type="checkbox"/> Reporting verb patterns (review)</li><li><input type="checkbox"/> Crime</li></ul>

		<input type="checkbox"/> War and peace <input type="checkbox"/> Vocabulary Bank: War and peace <input type="checkbox"/> Talking about a crime story <input type="checkbox"/> Two women spies <input type="checkbox"/> Appropriate literature (TBD) <input type="checkbox"/> Types of control <input type="checkbox"/> Importance of control
Unit 8	Going it Alone	<input type="checkbox"/> Mixed conditionals (review) <input type="checkbox"/> Alternatives to “if”. <input type="checkbox"/> Vocabulary Bank: Expressions with time <input type="checkbox"/> Talking about living alone for a month <input type="checkbox"/> Teenagers talk about being on their own <input type="checkbox"/> Meaning of decision-making <input type="checkbox"/> Importance of decision making <input type="checkbox"/> Process of Decision-making <input type="checkbox"/> Types of decision making
Unit 9	Survival Instincts	<input type="checkbox"/> Talking about tendencies <input type="checkbox"/> Feeling stresses <input type="checkbox"/> Talking about stress <input type="checkbox"/> Describe a stressful event and giving advice <input type="checkbox"/> Nature and role of direction
Unit 10	Inspiration and Creation	<input type="checkbox"/> Future perfect/Future continuous review <input type="checkbox"/> Alternative ways to refer to the future <input type="checkbox"/> Life choices <input type="checkbox"/> Vocabulary Bank: Commonly used words

### Course Syllabus – Final Semester 2/2020

**Subject: Extra English**

**Year Level: Year 11**

Unit	Topics	Contents
Unit 6	Animal Instincts	<input type="checkbox"/> Past perfect tenses (review) <input type="checkbox"/> Animal sounds <input type="checkbox"/> Vocabulary Bank: Expressions with animals <input type="checkbox"/> Stress in phrases <input type="checkbox"/> Sounding more natural when you speak <input type="checkbox"/> Animal heroes

		<input type="checkbox"/> Telling a story <input type="checkbox"/> Animals know before <input type="checkbox"/> Importance of organization
Unit 7	Double Lives	<input type="checkbox"/> Reporting verb patterns (review) <input type="checkbox"/> Crime <input type="checkbox"/> War and peace <input type="checkbox"/> Vocabulary Bank: War and peace <input type="checkbox"/> Talking about a crime story <input type="checkbox"/> Two women spies <input type="checkbox"/> Appropriate literature (TBD) <input type="checkbox"/> Types of control <input type="checkbox"/> Importance of control
Unit 8	Going it Alone	<input type="checkbox"/> Mixed conditionals (review) <input type="checkbox"/> Alternatives to "if". <input type="checkbox"/> Vocabulary Bank: Expressions with time <input type="checkbox"/> Talking about living alone for a month <input type="checkbox"/> Teenagers talk about being on their own <input type="checkbox"/> Meaning of decision-making <input type="checkbox"/> Importance of decision making <input type="checkbox"/> Process of Decision-making <input type="checkbox"/> Types of decision making
Unit 9	Survival Instincts	<input type="checkbox"/> Talking about tendencies <input type="checkbox"/> Feeling stresses <input type="checkbox"/> Talking about stress <input type="checkbox"/> Describe a stressful event and giving advice <input type="checkbox"/> Nature and role of direction
Unit 10	Inspiration and Creation	<input type="checkbox"/> Future perfect/Future continuous review <input type="checkbox"/> Alternative ways to refer to the future <input type="checkbox"/> Life choices <input type="checkbox"/> Vocabulary Bank: Commonly used words

**Course Syllabus – Final Semester 2/2020**

**Subject: SCIENCE (PHYSICAL SCIENCE)**

**Year Level: Year 11**

Unit	Topics	Contents
2	Vector and Scalar Quantities	Speed vs Velocity Distance vs, Displacement
2	Forces and motion	Acceleration and Deceleration, Velocity-time graphs,
2	Inertia	Mass and Inertia Positive and negative effects of inertia
2	Momentum	Applications of conservation of momentum
2	Forces and Effects of force	Balanced and unbalanced forces, Types of forces, effects of forces, moment of force

**Course Syllabus – Final Semester 2/2020**

**Subject: Geography**

**Year Level: Year 11**

Unit	Topics	Contents
Topic 5        Chapter 12	Rivers and Coasts        Rivers	12.1 Rivers and the Hydrologic Cycle 12.2 River System 12.3 Energy of a River 12.4 River Processes 12.5 Landforms Formed by River Processes 12.6 Management of River Channels 12.7 Why We Study Rivers
Chapter 13	Coasts	13.1 What is a coast? 13.2 What Are the Different Coastal Processes? 13.3 Landforms Produced by Coastal Processes 13.4 Coastal Protection Measures 13.5 A Final Word on Coast

**Course Syllabus – Final Semester 2/2020**

**Subject: Physical Education**

**Year Level: Year 11**

Unit	Topics	Contents
4	Team sport	Football 2 (soft skills)
5	Practical Test (Catch Up Activities)/ Other Sports	Practical Test (Catch Up Activities)/Play other sports.

**Course Syllabus – Final Semester 2/2020**

**Subject: Chinese**

**Year Level: Year 11**

Unit	Topics	Contents
11	Lesson 14 : Performance	What a wonderful performance.  - Teach students how to pronounce different types of performance in Chinese.  - Culture express.
12	Lesson 15 : Speech	Chinese speech competition Teach students how to give a proper speech in Chinese. such as self-introduction and expressing feelings.
13	Dictation	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	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
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### Course Syllabus – Final Semester 2/2020

**Subject: Chinese Optional**

**Year Level: Year 11**

Unit	Topics	Contents
11	Unit 3 : Post office -1	Places and locations. New words and grammar
12	Lesson 7 : Post office - 2	1. The sentence with two objects. 2. <b>Inquiries about the manner of an act:</b> 怎么 <b>how + verb</b> 3. Phonetics
13	Dictation	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	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 asked 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.