

Course Syllabus – Final Semester 2/2020

Subject: Mathematics

Year Level: Year 10

Unit	Topics	Contents
1	Trigonometric ratios	The definitions of sine, cosine and tangent
	Trigonometric ratios	Sine and how to use it to solve problems
	Trigonometric ratios	Cosine and how to use it to solve problems
	Trigonometric ratios	Tangent and how to use it to solve problems
	Trigonometric ratios	Sine A = Cosine B when A and B are complementary angles
	Trigonometric ratios	Applications of sine, cosine and tangent altogether in word problem solving
	Trigonometric ratios	The sine rules
	Trigonometric ratios	The cosine rules

Course Syllabus – Final Semester 2/2020

Subject: English Enrichment 10D/E

Year Level: Year 10

Unit	Topics	Contents
Unit 6	Our World	<ul style="list-style-type: none"><input type="checkbox"/> Past perfect passive<input type="checkbox"/> Past perfect continuous<input type="checkbox"/> Conflicts and solutions<input type="checkbox"/> Linking sounds<input type="checkbox"/> Talking about conflicts and resolutions<input type="checkbox"/> Using factual details to support your opinion.
Unit 7	Peacemakers	<ul style="list-style-type: none"><input type="checkbox"/> Past perfect passive<input type="checkbox"/> Past perfect continuous<input type="checkbox"/> Conflicts and solutions

		<input type="checkbox"/> Linking sounds <input type="checkbox"/> Talking about conflicts and resolutions <input type="checkbox"/> Using factual details to support your opinion <input type="checkbox"/> Person in the spotlight
Unit 8	Kindness Matters	<input type="checkbox"/> Modal verbs review <input type="checkbox"/> Vocabulary Bank: Making an effort <input type="checkbox"/> Linking sounds Cont. <input type="checkbox"/> Talking about kindness <input type="checkbox"/> Talking about presents
Unit 9	Language	<input type="checkbox"/> Phrasal verbs review <input type="checkbox"/> Understanding language <input type="checkbox"/> Words ending in -ough <input type="checkbox"/> Talking about accents, and language <input type="checkbox"/> Lost in translation <input type="checkbox"/> Culture in mind: Artificial language
Unit 10	Using Fame to Help	<input type="checkbox"/> Fame <input type="checkbox"/> Expressing opinions <input type="checkbox"/> Vocabulary Bank: Expressions with opinion <input type="checkbox"/> Talking about the UN Goodwill Ambassadors <input type="checkbox"/> Opinion on politics and famous people

Course Syllabus – Final Semester 2/2020

Subject: Extra English

Year Level: Year 10

Unit	Topics	Contents
Unit 6	Our World	<input type="checkbox"/> Past perfect passive <input type="checkbox"/> Past perfect continuous <input type="checkbox"/> Conflicts and solutions <input type="checkbox"/> Linking sounds <input type="checkbox"/> Talking about conflicts and resolutions <input type="checkbox"/> Using factual details to support your opinion.
Unit 7	Peacemakers	<input type="checkbox"/> Past perfect passive <input type="checkbox"/> Past perfect continuous

		<input type="checkbox"/> Conflicts and solutions <input type="checkbox"/> Linking sounds <input type="checkbox"/> Talking about conflicts and resolutions <input type="checkbox"/> Using factual details to support your opinion <input type="checkbox"/> Person in the spotlight
Unit 8	Kindness Matters	<input type="checkbox"/> Modal verbs review <input type="checkbox"/> Vocabulary Bank: Making an effort <input type="checkbox"/> Linking sounds Cont. <input type="checkbox"/> Talking about kindness <input type="checkbox"/> Talking about presents
Unit 9	Language	<input type="checkbox"/> Phrasal verbs review <input type="checkbox"/> Understanding language <input type="checkbox"/> Words ending in -ough <input type="checkbox"/> Talking about accents, and language <input type="checkbox"/> Lost in translation <input type="checkbox"/> Culture in mind: Artificial languages
Unit 10	Using Fame to Help	<input type="checkbox"/> Fame <input type="checkbox"/> Expressing opinions <input type="checkbox"/> Vocabulary Bank: Expressions with opinion <input type="checkbox"/> Talking about the UN Goodwill Ambassadors <input type="checkbox"/> Opinion on politics and famous people

Course Syllabus – Final Semester 2/2020

Subject: SCIENCE

Year Level: Year 10

Unit	Topics	Contents
8	Introduction to Ecology	The abiotic and biotic components of the environment: 1. pH 2. Topography 3. Temperature 4. Light intensity 5. Humidity Microclimate
9	Food Chain, Food Web and trophic levels	Food chain as a sequence of organisms in which energy is transferred. Pyramid of numbers
10	Interactions between biotic and abiotic components	Symbiosis. Commensalism, parasitism, mutualism, saprophytism, prey-predator, competition(intraspecific and interspecific

11	Colonisation and Succession	Process of colonization and succession in an ecosystem: niche, habitat, community, population
12	Population Ecology	Capture, mark, release, and recapture technique, Quadrat sampling technique

Course Syllabus – Final Semester 2/2020

Subject: Social Studies

Year Level: Year 10

Unit	Topics	Contents
12	Rivers	<ul style="list-style-type: none"> • Rivers and the Hydrologic Cycle • River System • Energy of a River • River Processes • Landforms Formed by River Processes • Management of River Channels
13	Coasts	<ul style="list-style-type: none"> • What is a Coast? • What are the Different Coastal Processes? • Landforms Produced by Coastal Processes • Coastal Protection Measures

Course Syllabus – Final Semester 2/2020

Subject: Physical Education

Year Level: Year 10

Unit	Topics	Contents
4	Team Sport	Basketball 2-Part 2 (skills and rules of the game)
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 10

Unit	Topics	Contents
11	Lesson 14 : Work	My work is very interesting - Teach students how to describe their mood in Chinese.
12	Lesson 15 : My dream	My dream - Teach students how to describe their future plans in Chinese. - Chinese speech ‘My dream is ...’
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.

Course Syllabus – Final Semester 2/2020

Subject: Chinese Optional

Year Level: Year 10

Unit	Topics	Contents
11	Unite 7	1. Students are able to use 借 and 还(borrow and return) properly.

		2. More new words about different occupations
12	Unit 8	<p>1. Students should be able to use 想 properly.想 means Want/ Think</p> <p>2. Students should be able to remember 4 seasons in Chinese.</p>
13	Dictation	Give students a dictation of unit 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.