

## Course syllabus

Subject : English

Year : 5

Semester: 2 (Final term)

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
9	The big match	<ul style="list-style-type: none"> <li>- Modal verbs (may, might, could)</li> <li>- Have to / had to statements and questions</li> <li>- Antonyms</li> <li>- Listening for detail in an interview</li> <li>- Writing up an interview from notes</li> </ul>	F4.2 Grade 5 1	1. Use foreign languages to search for collect various data.	<ul style="list-style-type: none"> <li>- Students should be able to make sentences using phrasal verbs</li> <li>- Students should be able to recognize words with the opposite meaning</li> <li>- Students should be able to write up an interview from notes</li> </ul>
10	Ancient buildings	<ul style="list-style-type: none"> <li>- Listening for details about ancient sites</li> <li>- Asking and answering questions about museums</li> <li>- Writing a description account</li> </ul>	F4.1 Grade 5 1	1. Search for and collect the terms related to other learning areas, and present them through speaking/ writing.	<ul style="list-style-type: none"> <li>- Students should be able to answer and asked questions about different places</li> <li>- Students should be able to write a description account</li> </ul>
11	A message for the future	<ul style="list-style-type: none"> <li>- Homonyms</li> <li>- Listening and identifying descriptions</li> <li>- Asking and answering questions about films</li> <li>- Writing a film review</li> </ul>	F2.2 Grade 5 1	1. Tell similarities/ differences between pronunciation of various kinds of sentences, use of punctuation marks and word order in accordance with structures of sentences in foreign languages and Thai language.	<ul style="list-style-type: none"> <li>- Students should be able to ask and answer questions about films</li> <li>- Students should be able to differentiate words with similar sounds but different meaning in context</li> </ul>

**Final Exam Semester 2**

**Course syllabus**

Subject : Mathematics

Year : 5

Semester: 2 (Final term)

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
12	Rate	Understand rate as the amount of a quantity per unit of another quantity and relate it to the total and the number of units .	M1.3	Find the rate when total and number of units given Find the total when rate and number of units given	-Students should be able to identify patterns and relationships . - Analyzing parts and wholes
13	Angles	- Angles on a straight line - Angles at a point - Vertically Opposite Angles	M3.2.1	Construct angles by using a protractor.	-Students should be able to correctly identify a pair of opposite angles. Students should be able to correctly construct angles using a protractor.
14	Triangles	- Classify triangles by the length.  - <b>Understand the sum of all angles in a triangle is 180 degree</b> - Recognise and describe the angle properties.	M3.2.1	Construct angles by using a protractor.	-Students should be able to draw triangles and then measure the angles.
<b>Final Exam Semester 2</b>					

**Course syllabus**

Subject : **Science**

Year : **5**

Semester: **2 (Final term)**

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
20	Energy conversion	How energy can change from one form to another Energy conversion in the objects around us	Standard Sc5.	Standard Sc5.1 -Experiment and explain motion of light from its sources. - Identify the different sources of energy. -Understanding the relationship between energy and life.	Students should be able to state that energy can neither be created nor destroyed. Students should be able to state that energy can change from one form to another. Students should be able to explain energy conversion for occurrences around us
21	Light and heat	Refraction of light Transfer of heat	Standard Sc1.1:	Standard Sc1.1: Observe and specify	Students should be able to explain the process of refraction. Students should be able to give an explanation of how a lens works. Students should be able to explain the process of dispersion of a white light through a prism. Students should be able to explain how heat is transferred through conduction, convection and radiation and give examples.
25	The Sky	Tides Seasons The night sky Eclipses	Standard Sc7 :	Standard Sc7.1 : - Explain the formation of seasons and the use of pull force or the occurrence of gravitational force.	Students should be able to state that the Moon's gravitational pull causes tides. Students should be able to state the differences between the different seasons on Planet Earth. Students should be able to state how stars and constellations are useful to people. Students should be able to explain the process of a lunar and solar eclipse.
26	Movement of planets in the Solar System	Patterns of movement of the planets in the Solar system Relationship between gravitational pull and movement of planets in the Solar system	Standard Sc7:	Standard Sc7.1: Experiment and explain frictional forces and apply the knowledge gained for useful purposes. Observe and explain formation of directions (north, south, east and west) and phenomena of the rising and falling of stars by using star chart.	Students should be able to discuss the movements and patterns of the planets in the Solar System. Students should be able to state that gravitational force determines the motion in the Solar system.
Final Exam					

Subject : **Social Studies**

Course syllabus

Year : **5**

Semester: **2 (Final term)**

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
6	Religions	Religions in Thailand <ul style="list-style-type: none"> <li>• Buddhism</li> <li>• Islam</li> <li>• Christianity</li> <li>• Hinduism</li> <li>• Thai Buddhism</li> </ul> History of Buddha Buddhist Temples <ul style="list-style-type: none"> <li>• Importance</li> <li>• Ordination</li> </ul>	So1.1 Grade 5	1. Analyse the importance of Buddhism or that of students' own religions as cultural heritage and a pivot for developing the Thai nation. 2. Summarise the life of the Buddha from arrival at the town of Kapilavastu to his important deeds or the lives of the Masters of students' own religions as prescribed. 3. Appreciate and conduct themselves in accord with the models of living and the insights from the lives of the disciples, the stories of the Buddha's previous lives, other tales and exemplary believers as prescribed.	-The students will be able to identify the major religions of Thailand. -The students will have an understanding of the life of Lord Buddha, and the impact he had on Thai culture. -Students will be able to identify the different parts of Buddhist temples, and understand the process of ordination in becoming a Buddhist monk.
<b>Final Exam Semester 2</b>					

Subject : **Phonics**

Course syllabus

Year : **5**Semester: **2 (Final term)**

CONTENT	UNIT NO'	B.E STANDARD	B.E GRADE LEVEL INDICATOR	TOPICS	OBJECTIVES
lesson 9 in the book	5	F1.2 Yr 5	Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	Pages 64-70 Syllabification	Students should be able to understand how to stress syllables and words in the sentence.
				Assessment syllables/word stress	Students should be able to correctly stress the syllables with proper intonation.
lesson 10 in the book	5	F1.2 Yr 5	Specify syllables stress and how to stress syllables properly with correct intonation	Pages 64-70	Students should know the rhythmical pattern of English and be able to pronounce the correct syllable stresses.
				Assessment 4. Speaking assessments.	Students should listen syllables stressed and be able to identify the proper intonation of each syllable.
Lesson 11 in the book		F1.2 Yr 5	Word stress. Specify the importance of words stress and how the meaning of the sentence changes when stressing a word.	Pages 64-70	Students should understand how stressing word in the sentence changes the meaning. They should also understand how to stress the syllables properly.
	6	F1.2 Yr 5	Affixes/ Prefix and Suffix		
			Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	Pages 71 - 77 suffixes & prefixes	Students should be able to correctly identify the corresponding suffixes and prefixes for common root words
	6		Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	Linking sentences	Students should be able to recognize the linking of consonant ending words and vowel beginning words that can be linked.
				Assessment 5. Reading assessments.	
	6		Affixes/ Prefix and Suffix	Revision week	
<b>FINAL EXAM</b>					

Subject : **Health**

Course syllabus

Year : **5**

Semester: **2 (Final term)**

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
6	Addictive drugs	<ul style="list-style-type: none"> <li>• Harmful Substances</li> <li>• Smoking</li> <li>• Alcohol</li> <li>• Drugs</li> <li>• Inhalants</li> </ul>	Standard H5.1:	Standard H5.1: 'Food Additives'	<p>1. Students should be able to <b>analyse the factors influencing the use of addictive substances.</b></p> <p>2. Students should be able to analyse the effects on your body, mind and on others (in society) when using medicines and addictive substances.</p>
7	First Aid	<ul style="list-style-type: none"> <li>• Coping with accidents</li> <li>• Poisoning</li> <li>• Electric shock</li> <li>• Broken bones</li> <li>•</li> </ul>	<b>Strand 5 Standard H5.1</b>	<b>Standard H5.1 'Safety in Life'</b>	Students should be able to to give examples of ways they can be safe whilst playing sport.
<b>Final Exam Semester 2</b>					

Subject : **Chinese**

Course syllabus

Year : **5**

Semester: **2 (Final term)**

<b>Unit</b>	<b>Topic</b>	<b>Content</b>	<b>B.E. 2551 Standard</b>	<b>B.E. 2551 Grade Level indicator</b>	<b>Objectives</b>
3	I like pink color.	<ul style="list-style-type: none"><li>- Words and pictures</li><li>- Practicing Chinese dialogue</li><li>- Practicing Chinese pronunciation</li><li>- Let's sing a Chinese song!</li><li>- Chinese vocabulary</li><li>Writing Chinese characters</li></ul>		<ol style="list-style-type: none"><li>1. Teach the standard pronunciation and the meaning of the new words.</li><li>2. Read and translate the new sentences to students.</li><li>3. Use all the sentences to make a dialogue.</li><li>4. Teach the Chinese Characters stroke by stroke.</li></ol>	<ol style="list-style-type: none"><li>1. Students should be able to use the colour vocabulary and content learnt in the lesson within certain contexts.</li><li>2. Students can use Chinese to talk about the color they like.</li></ol>
4	Review	<ul style="list-style-type: none"><li>- Words and pictures</li><li>- Practicing Chinese dialogue</li><li>- Practicing Chinese pronunciation</li><li>- Let's sing a Chinese song!</li><li>- Chinese vocabulary</li><li>Writing Chinese characters</li></ul>		<ol style="list-style-type: none"><li>1. Teach the standard pronunciation and the meaning of the new words.</li><li>2. Read and translate the new sentences to students.</li><li>3. Use all the sentences to make a dialogue.</li><li>4. Teach the Chinese Characters stroke by stroke.</li></ol>	<ol style="list-style-type: none"><li>1. Students can memorize the Chinese words related to the lessons they have learned.</li><li>2. Students can use Chinese to talk about the class and the color.</li></ol>

**Final Exam Semester 2**

Course syllabus  
 Subject : **Japanese**      Year : **5**      Semester: **2 (Final term)**

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
<b>Midterm semester 2</b>					
2	<u>Lesson5:</u> School life <u>Lesson6:</u> Time	<ul style="list-style-type: none"> <li>• Basic verbs</li> <li>• Telling the time.</li> <li>• Hiragana characters and words.</li> <li>• Exam revision.</li> </ul>		mimasu= watch shimasu=do/play -Question forms: Nani wo shimasuka? =What do you do/play? -Numbers(1-60) -Clock time ji(o'clock ) fun/pun(minutes) -Prepositions: de (at) kara(from) made(to) ni(on) -Ima nanji desuka? =What time is it now?	-Students should be able to ask and answer questions about daily life. -Students should be able to tell the time in Japanese. -Students should be able to ask and answer questions about time and use prepositions correctly. - Students should be able to read hiragana characters and words.
<b>Final Exam Semester 2</b>					