

Course syllabus

Subject: Mathematics

Year 6

Semester 2 (Final term)

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
9	Pie Charts	<ul style="list-style-type: none"> Understanding pie charts 	M5.1 1	1. Read data from Pie - charts. 2. Draw and make pie charts using the given information.	<ul style="list-style-type: none"> Be able to read data from pie charts and make their own pie charts with the given data.
11	Volume of Solids and Liquids	<ul style="list-style-type: none"> Volume of Solids Volume of Liquids 	M2.2 2	2. Solve problems involving volume and capacity of cuboids.	<ul style="list-style-type: none"> Be able to calculate the volume of solids and liquids. Solve word problems about volume.
7	Speed	<ul style="list-style-type: none"> Distance and speed Average speed Word problems 	M2.1 1 M6.1 1	1. Explain a route or indicate positions of various objects by specifying direction and real distance from picture and diagrams. 1. Apply diverse methods for problem-solving.	<ul style="list-style-type: none"> Be able to find the distance of various objects. Be able to calculate the speed and solve word problems about speed given in minutes/hour.
Final Exam					

Subject: **Science**

Year: 6

Semester: 2 (Final term)

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
Unit 12	Separation Techniques	<ul style="list-style-type: none"> • Precipitation • Sublimation • Freeze-drying 			<ul style="list-style-type: none"> • Explain separation techniques such as precipitation, sublimation and freeze-drying and their daily application
Unit 13	Forces	<ul style="list-style-type: none"> • Gravitational force • Friction force • Magnetic force • Motion of a pendulum and a parachute 	Standard Sc4.1:	<ul style="list-style-type: none"> • Experiment and explain finding resultant force of two parallel forces acting on objects. • Experiment and explain air pressure. • Experiment and explain liquid pressure. <p>Experiment and explain buoyant forces of liquid, floating and sinking of objects.</p>	<ul style="list-style-type: none"> • Investigate the relationship between force, movement and energy • Investigate factors that affect the motion of a pendulum and parachute
Unit 14	Simple machines	<ul style="list-style-type: none"> • Types of simple machines • Levers • Pulleys • Wheel and axle • Inclined plane • Gears • Precautionary measures in using simple machines • How an aeroplane works 			<ul style="list-style-type: none"> • Identify the different types of simple machines. • Explain the function of simple machines, which include multiplying force, multiplying speed and changing the direction of a force, multiplying speed and changing the direction of a force. • Recognize precautionary measures in using simple machines. • Explain how an aeroplane as a complex machine, can do work more easily.

FINAL EXAM

Course syllabus

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
5	Thailand and its regions Daily life in a village The role of Buddhism in Thai culture The importance of Thai History in the present day	* Climate * Demographics Buddhism	So5.1 Grade 6 So5.2 Grade 6 So1.1 Grade 6	5.1.1. Use geographical instruments (various kinds of maps, photographs) for specifying important physical and social characteristics of the country. 5.1.2. Explain relationships between physical characteristics and natural phenomena of the country. 5.2.1. Analyse relationship between natural and social environments in the country. 1.1. 9. Explain the important characteristics of religious rites and ceremonies of other religions and conduct themselves appropriately when participating in such rites and ceremonies.	* Students should be able present about their region of Thailand * Students should be able to discuss the importance of Buddhism in the local community * Students should be able to discuss the importance of Thai History and how it is applied in Thai culture now * Students should be able to compare and contrast the differences of how people lived in the past to how they live now *
Final Exam					

Subject : **Phonics**Year : **6**Semester : **2 (Final term)**

CONTENT	UNIT NO'	B.E STANDARD	B.E GRADE LEVEL INDICATOR	TOPICS	OBJECTIVES
		F1.2 Yr 6	Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	INTRO: Revise “What is Phonics?”, Phonic alphabet and chants	Students should be able to recite the phonics alphabet and the A ‘A’ action song alone. 2. Revise the short vowel song to the tune of “Bingo” + clapping (and be introduced to the ‘schwa” sound for the 1 st time).
		F1.2 Yr 6	Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	Revise alphabet letters’ sounds, short vowel sounds (a, e, i, o, u), also consonant blends with both ‘l’ or ‘r’ and short vowel variant spellings from Yr 6	Students should revise consonant blends with both ‘l’ or ‘r’ and short vowel variant spellings from Yr2.
Lesson 7 in the book	3	F1.2 Yr 6	Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	Pages 28-35 Compound words, affixes and prefixes	Practice saying and reading the target words and sounds sunrise, misuse, incomplete.
				Assessment 1. Pages compound words and affixes, prefixes.	Students should be able to correctly sound out the focus words “ sunrise, displease, uncover etc ”
lesson in the book	3	F1.2 Yr 6	Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	Pages 36-39 suffixes & prefixes	Students should be able to correctly identify the corresponding suffixes and prefixes for common root words.
	4		Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	Pages 40-47 Contraction and linking.	Students should be able to recognize the linking of consonant ending words and vowel beginning words that can be linked.

CONTENT	UNIT NO'	B.E STANDARD	B.E GRADE LEVEL INDICATOR	TOPICS	OBJECTIVES
lesson 9 in the book	5	F1.2 Yr 6	Specify the alphabet and sounds; accurately pronounce and spell simple words by observing principles of reading.	Pages 49-71 Sentence stress	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 6	Specify syllables stress and how to stress syllables properly with correct intonation	Pages 70-72	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 6	Word stress. Specify the importance of words stress and how the meaning of the sentence changes when stressing a word.	Pages 70 - 72	Students should understand how stressing word in the sentence changes the meaning. They should also understand how to stress the syllables properly.
				Assessment 5. Reading assessments.	
		F1.2 Yr 3		Revision week	
Final Exam					

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
Unit 6	Health Risks	<ul style="list-style-type: none"> • Health Habits • Smoking • Drinking alcohol • Taking Drugs • Eating Habits 			<p>At the end of the unit students should be able to:</p> <ul style="list-style-type: none"> • Give examples of bad habits that can cause us to lead an unhealthy lifestyle • Give examples of direct effects of smoking • Give examples of how drugs can damage their body
Unit 7	First Aid	<ul style="list-style-type: none"> • First Aid kit • Drowning • Shock • Bleeding 			<p>At the end of the unit students should be able to:</p> <ul style="list-style-type: none"> • Name parts of a first-aid kit • Demonstrate how to give first -aid to someone who is unconscious • Give examples of medicine that can be administered in different cases

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
3	What are you eat for breakfast?	<ul style="list-style-type: none"> - Words and pictures - Practicing Chinese dialogue - Practicing Chinese pronunciation - Let's sing a Chinese song! - Chinese vocabulary Writing Chinese characters 		<ol style="list-style-type: none"> 1. Teach the standard pronunciation and the meaning of the new words. 2. Read and translate the new sentences to students. 3. Use all the sentences to make a dialogue. 4. Teach the Chinese Characters stroke by stroke. 	<ol style="list-style-type: none"> 1. Students should be able to use the 'food' vocabulary and content learnt in the lesson within certain contexts. 2. Students can use Chinese to talk about the food they eat.
4	Review	<ul style="list-style-type: none"> - Words and pictures - Practicing Chinese dialogue - Practicing Chinese pronunciation - Let's sing a Chinese song! - Chinese vocabulary Writing Chinese characters 		<ol style="list-style-type: none"> 1. Teach the standard pronunciation and the meaning of the new words. 2. Read and translate the new sentences to students. 3. Use all the sentences to make a dialogue. 4. Teach the Chinese Characters stroke by stroke. 	<ol style="list-style-type: none"> 1. Students should be able to use the 'drinks, food and fruit' vocabulary and content learnt in the lesson within certain contexts. 2. Students can use Chinese to talk about the drinks, food, and fruit.
Final Exam Semester 2					

Course syllabus

Subject : **Japanese**

Year : **6**

Semester: **2**

Unit	Topic	Content	B.E. 2551 Standard	B.E. 2551 Grade Level indicator	Objectives
2	<u>Lesson9:</u> Things around me	<ul style="list-style-type: none"> • Colours • Prepositions • Existence • Hiragana characters and words • Exam revision 		<p>Describe things using colours. Position words (prepositions);ue(up), shita(down/under), mae(front), ushiro(back), aida(between), yoko(side), naka(inside) Verbs;__ga arimasu(There is/are non living things)</p> <p>__ga imasu(There is /are living things.) Describing things, people and animals with use of arimasu and imasu.</p>	<ul style="list-style-type: none"> - Students should be able to know how to use position words correctly. - Students should be able to use and construct simple sentences about living and non-living things. - Students should be able to read and write hiragana characters and words.

Final Exam Semester 2