

Course Syllabus
Subject : English Year : 5 Semester 1/2018_19

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
1	You can build it!	Building a house (Tools, materials, plans). - Working with words: subject, verb, object, adjectives and adverbs. - Present perfect: ever/never. -Present perfect: since/for. - Reading/writing a poem.	F1.3 Grade 5 1-3	1. Speak/write to give data about themselves and matters around them. 2. Draw pictures, plans and charts to show various data heard or read. 3. Speak/write to express opinions about various matters around them.	- Students should be able to understand short stories / poems and identify if statements are true or false. - Students should be able to describe character's actions and habits. - Students should be able to ask and answer questions about making things. - Students should be able to use new grammar constructions.
2	It's ShowTime!	- Putting on a play. - Working with words: silent letters: gh and k. - Past Simple and present perfect: already, yet, before, just.	F1.1 Grade 5 1-3	1. Act in compliance with orders, requests and simple instructions heard and read. 2. Accurately read aloud sentences, texts and short poems by observing the principles of reading. 3. Specify/draw the symbols or signs corresponding to the meanings of sentences and short texts heard or read.	- Students should be able to understand a play script and order events in a play - Students should be able to predict the ending to a play, talk about stories and characters. - Students should be able to use tense markers correctly.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
3	The best party ever!	<ul style="list-style-type: none"> - Comparatives and superlatives. - Lost at the Carnival – reading, understanding. - Asking and answering questions about wearing costumes. - Beginnings and endings of a story – writing. 	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"> - Student should be able to predict and listen for description, ask and answer costumes about wearing costumes. - Students should be able to use comparatives and superlatives.
Midterm Exam 1					
4	Our planet	<ul style="list-style-type: none"> - Past Simple - Past Continuous - An Eco Home – reading, understanding. - Asking and answering questions about the environment – listening, speaking. - Making writing more fluent. 	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"> - Students should be able to understand an information text. - Students should be able to correct false sentences. - Students should be able to identify details of a lifestyle, ask and answer questions about the environment.
5	Reuse and recycle	<ul style="list-style-type: none"> - Present Continuous with future meaning - As good as new – reading, understanding. - Asking and answering questions about recycling – listening, speaking. - Making suggestions – writing. 	F4.2 Grade 5 1	1. Use foreign languages to search for collect various data.	<ul style="list-style-type: none"> - Students should be able to understand a magazine article, identify true or false sentences. - Students can ask and answer questions about recycling and make suggestions.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
6	Crazy about wildlife	<ul style="list-style-type: none"> - Future plans, intentions, predictions - "going to". - Gorilla Kingdom – reading, understanding. - Asking and answering questions about animals – listening, speaking. - Topic sentences and paragraphs – writing. 	F4.1 Grade 5 1	1. Listen, speak and read/write in various situations in the classroom and in school.	<ul style="list-style-type: none"> - Students should be able to read / write an article, to complete fact files. - Students should be able to ask / answer questions about animals.
Final Exam 1					
Total Score for Semester 1					

Course Syllabus
Subject : Mathematics Year : 5 Semester 1/2018_19

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
1,2	Whole numbers {1,2}	Whole Numbers - Numbers to 10 millions - Place and value - Comparing numbers Within 10 millions -Rounding Off to the nearest - Using a calculator - Order of operations	Standard M1.1	Read and write numbers to 10 million. Write and read fractions, mixed numbers and decimals with not more than 2 places.	<p>Students will be able to use differentiate between the diverse methods of presenting numbers and be able to apply them in real situations.</p> <p>Students will be able to solve measurement problems, and demonstrate abilities for problem solving, reasoning, and communication.</p> <p>They will be able to communicate and present mathematical concepts, linking various bodies of mathematical knowledge and linking mathematics with other disciplines.</p> <p>The students should be able to display a wide range of creative ways and approached to problem solving.</p>

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
3,4	Fractions{1,2}	-Dividing a fraction by whole number. -Product of a mixed number. Word problems -Fractions		Compare and arrange sequences of fractions and decimals with not more than 2 places. Write fractions in decimal form and percentages; write percentages in the forms of fractions and decimals, and write decimals in the forms of fractions and percentages	Students will be able to use and differentiate between the diverse methods of presenting numbers and be able to apply them in real situations. Students will be able to solve measurement problems, and demonstrate abilities for problem solving, reasoning, and communication. They will be able to communicate and present mathematical concepts, linking various bodies of mathematical knowledge and linking mathematics with other disciplines. The students should be able to display a wide range of creative ways and approached to problem solving.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
6	Ratio	<ul style="list-style-type: none"> - Finding ratio - Word problems 	<p>Standard M2.2:</p> <p>Standard M6.1:</p>	<p>Suitably provide reasoning for decision-making and appropriately present the conclusions reached</p>	<p>Students will be able to use and differentiate between the diverse methods of presenting numbers and be able to apply them in real situations.</p> <p>Students will be able to solve measurement problems, and demonstrate abilities for problem solving, reasoning, and communication.</p> <p>They will be able to communicate and present mathematical concepts, linking various bodies of mathematical knowledge and linking mathematics with other disciplines.</p> <p>The students should be able to display a wide range of creative ways and approached to problem solving.</p>

Course Syllabus
Subject : Science Year : 5 Semester 1/2018_19

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
1	Reproduction in flowering plants	<ul style="list-style-type: none"> •Parts of a flower •Pollination •Fertilisation •From flower to fruit •Dispersal of fruits and seeds •Germination 	Standard Sc1.1:	Standard Sc1.1: Observe and specify components of flowers and structures involved in reproduction of angiosperms. 2. Explain reproduction of flowers, plants, plant propagation, and apply acquired knowledge for useful purposes.	Students should be able to -Identify the parts of the flower and their role in the processes involved in sexual reproduction of flowering plants. -Identify how seeds are dispersed based on their structure. -Investigate factors that are needed for seed germination. -Explain the growth of flowering plants from seedling stage to flowering and fruiting stage. -Identify factors essential for the growth of plants.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
2	Photosynthesis	<ul style="list-style-type: none"> •Requirements for photosynthesis •Process of photosynthesis •Storage of starch 	Standard Sc1.1	Standard Sc1.1	<ul style="list-style-type: none"> - Students should be able to - Describe "Photosynthesis", the process by which plants make their own food. - Investigate the requirements for photosynthesis to take place. - Recount in detail the process of photosynthesis.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
3	Invertebrates	<ul style="list-style-type: none"> •Types of invertebrates •Insects, spiders, millipedes and crustaceans •Starfish, sea urchins and sea cucumbers •Jellyfish, corals and sea anemones •Sponges •Snails, slugs, clams and mussels •Worms •Comparing invertebrates 	Standard Sc1.2 :	Standard Sc1.2 : -Categorise animals into groups by using external characteristics and some internal characteristics as criteria.	Students should be able to -Describe the observable characteristics of each group of invertebrates.
4	Adaptations of living things to the environment	<ul style="list-style-type: none"> •Living things and their habitats •Adaptations of living things •Extinct and endangered living things. 	Standard Sc2.2:	Standard Sc2.2:	Students should be able to -Describe the structural and behavioural adaptations of animals to the environment for survival. -Describe the structural and behavioural adaptations of plants to the environment for survival. -Explain what happens to animals and plants when the environment changes. -Understand that some living things used to exist but are now extinct and give examples. -Identify animals and plants that are near extinction or endangered.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
5	Ecosystem	<ul style="list-style-type: none"> •Ecosystem •Making a model of an ecosystem •Factors that affects the organisms in an ecosystem 	Standard Sc2.1:	Standard Sc2.1: 1. Explore various eco-systems in the local area and explain relationships of the components within the eco-systems.	<p>Students should be able to</p> <ul style="list-style-type: none"> -Identify the biotic and abiotic components of the ecosystem. -Design a model of an ecosystem. -Recognise and recall that the number of living things an ecosystem can support depends on the resources available and abiotic factors.
6	Pollution	<ul style="list-style-type: none"> •Air pollution •Water pollution •Soil pollution 	Standard Sc2.1:	Standard Sc2.1: (None)	<p>Students should be able to</p> <ul style="list-style-type: none"> -Explain how pollution is a change in the environment. -Describe the effects of pollution.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
7	Human Population	<ul style="list-style-type: none"> •Human population •Population density 	Standard Sc1.2 :	Standard Sc1.2 : - Explore, compare and specify their own characteristics and those of their family members. -Explain genetic transmission of each generation of living things.	Students should be able to -Explain why the size of a human population can increase or decrease due to some factors. -Explain the concept of population density.
8	Weather	<ul style="list-style-type: none"> •Types of the clouds •Fog •Dew •Hail •Wind 	Standard Sc4.2:	Standard Sc4.2: 1.Experiment and explain frictional forces and apply the knowledge gained for useful purposes.	Students should be able to -Identify the different types of clouds. -Describe how fog, dew, hail and wind are formed. -Explain the occurrence of wind due to the unequal heating of the Earth's surface. -Explain why land absorbs and releases heat faster than water. -Explain the effects of wind on living thngs and the environment.

Final Exam 1
Total Score for Semester 1

Course Syllabus

Subject: Social Studies Year: 5 Semester: 1 2018_19

Units	Topics	Contents	B.E. 2551 Standard	B.E. 2551 Grade Level Indicator	Objectives
1	Family Life	<p>The Family</p> <ul style="list-style-type: none"> • The role of parents • The role of children • How to be a good member of society 	So1.2 Grade 5	1. Cite examples and conduct themselves in accord with the status, roles rights, freedoms and duties of good citizens.	- Students should be able to demonstrate what it means to be a good member of the family by taking responsibility for their actions, having good self-discipline, understanding their roles as children in Thai society.
2	Society	<p>Society</p> <ul style="list-style-type: none"> • Characteristics of a community <p>Duties of people in the community</p> <ul style="list-style-type: none"> • Community Development 	So1.2 Grade 5	<p>1. Cite examples and conduct themselves in accord with the status, roles rights, freedoms and duties of good citizens.</p> <p>3. Appreciate the values of Thai culture that affect the way of life in Thai society.</p>	<p>- Students should be able to identify a rural or urban community setting.</p> <p>- Students should also be able to recognize the different characteristics of each community, including:</p> <ul style="list-style-type: none"> - Population - Education - Occupation - Culture - Environment - Facilities

					- - Students should understand the importance of obeying Thai laws, honoring cultural traditions, paying taxes and the ongoing development of their communities.
3	Environment	Soil <ul style="list-style-type: none"> • Soil Conservation Water <ul style="list-style-type: none"> • Causes of Water Pollution • Effects of Water Pollution • Water Conservation • Water Treatment Forests <ul style="list-style-type: none"> • Types of Forests • Effects of Deforestation • Greenhouse Effect • Forest Conservation 	So5.1 Grade 6	2. Analyse influence of geographical conditions causing physical problems or natural disasters in Thailand and other regions of the world.	- Students should understand how to interpret their environment. - Students should be able to identify the main parts of the natural environment(s), and demonstrate their knowledge of each topic through activity-based lessons in addition to bookwork.

Midterm Exam Semester 2

4	Thailand's Neighbors	Myanmar Laos Cambodia Malaysia	So5.1 Grade 5	1. Use geographical instruments (various kinds of maps, photographs) for specifying important physical and social characteristics of the country. 2. Explain relationships between physical characteristics and natural phenomena of the country.	-Students should be able to identify the settings of Thailand's closest neighbors. -They should be able to recognize the different characteristics of each country, including: <ul style="list-style-type: none">- Basic demographics- Geography- Culture- History - Students should be able to demonstrate their knowledge about Thailand's neighboring countries through various activities, which might include: <ul style="list-style-type: none">- Oral/Speaking- Creative/art-based projects- Multimedia learning
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Final Exam Semester 1

Course Syllabus
Subject : Health Year : 5 Semester : 1/2018_19

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
1	Growth and Development	<ul style="list-style-type: none"> • Puberty • The signs of Puberty 	Standard H1.1:	Standard H1.1: Understanding the nature of growth and development	<ul style="list-style-type: none"> - Students will be able to explain the important stages of growth and development of human beings. - Students will be able to give examples of the stages of puberty.
2	Internal Organs	<ul style="list-style-type: none"> • Liver • Kidneys • Bones and Muscles 	Standard H1.1:	Standard H1.1: (No specific indicator for internal organs)	<ul style="list-style-type: none"> - Students will be able to identify and label important internal organs. - Students will be able to give specific functions and explain the importance of each learnt internal organ.
3	Care for Sexual Organs	<ul style="list-style-type: none"> • Changes during Puberty • Male sexual organs • Female sexual organs • Menstruation • Personal Hygiene 	Standard H1.1:	Standard H1.1: (No specific indicator for the care of sexual organs)	<ul style="list-style-type: none"> - Students will be able to give examples of some changes that may occur in our bodies during the puberty stage. - Students will be able to give examples of how we might see changes in both the male and female sexual reproductive parts during puberty. - Students will be able to give examples of good personal hygiene.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
4	Exercise	<ul style="list-style-type: none"> • Exercise and Health • Indoor and Outdoor games • Team games • Sport 	Standard H3.1:	Standard H3.1: Understanding and skills in movement; physical activities; playing games and sports	<ul style="list-style-type: none"> - Students will be able to give examples of the skills needed to participate in physical activities and whilst playing sport. - Students will be able to give examples of some Thai and international sports (both individual and team). - Students should be able to give examples of when they have participated in a recreational activity. They also should be able to give examples of the skills and characteristics needed to do these activities.
Final Exam 1					
Total Score for Semester 1					

Course Syllabus
Subject : Phonics Year : 5 Semester : 1/2018_19

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
1	Introduction, The two sounds of s (s and z) sound v The two sounds of g (g and j) sound r and r blends pr, fr, dr, tr, br, cr, gr Sound j dg dge Sound ch chair, Sound sh Unvoiced th	Names. Why does English have so many sounds? 1A. e.g. octopus claws 1B. e.g. valentine 1C. e.g. dog cage 1D. 1E. e.g. Japanese edge 1F. e.g. crunchy, beach 1G. shop, seashell, blush station auction 1H. e.g thick author north	F1.1 Grade 5	2. Accurately read aloud sentences, texts and short poems by observing the principles of reading. 1. Act in compliance with orders, requests and simple instructions heard and read.	<ul style="list-style-type: none"> - Students should be able to discriminate the key phonic sounds (phonemes) in the focus words by listening to the teacher's model. - Students should be able to place high frequency vocabulary in lists based on their phonic sounds. - Students should be able to spell or read less common words that they do not know, by listening to the teacher's model. - Students should be able to confidently articulate the sounds.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
2	vowel sounds – a,e,i,o,u magic e -ake, -ale, -ame, -ate 300 instant sight words Long e ee ea long i -ie, igh, i-e two sounds ea two sounds ow two sounds of y split vowels i/a e/a i/o	2A. 2B. e.g. cake pale came late Fry's 300 instant sight words list 2C. e.g. sheep jeans 2D. e.g. pie high hive 2E. e.g. long - bread short – clean 2F. e.g. long – row short – yellow 2G. e.g. i - puppy ai – sly 2(H) e.g. pi-anist Kor-e-a i-di-ot	F1.1 Grade 5	2. Accurately read aloud sentences, texts and short poems by observing the principles of reading. 1. Act in compliance with orders, requests and simple instructions heard and read.	- Students should be able to discriminate the key phonic sounds in the focus words by listening to the teacher's model. - Students should be able to place high frequency vocabulary in lists based on their phonic sounds. - Students should be able to attempt to spell or read less common words that they do not know, by listening to the teacher's model. - Students should be able to confidently articulate the sounds.
Midterm Exam 1					
3	compound words	Stress the first word in compound words e.g. <u>break</u> fast <u>bath</u> room	F1.1 Grade 5	2. Accurately read aloud sentences, texts and short poems by observing the principles of reading. 1. Act in compliance with orders, requests and simple instructions heard and read.	- Students should be able to attempt spelling or reading less common words that they do not know, by listening to the teacher's model. - Students should be able to confidently articulate the sounds and apply appropriate stress.
Final Exam 1					
Total Score for Semester 1					

Course Syllabus
Subject : Mandarin Chinese Year : 5 Semester : 1/2018_19

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
1	Chinese School	<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 can use the Chinese school vocabulary in good sentences and in any given dialogue. 2. Students can correctly pronounce the school vocabulary learnt. 3. Students can spell and write the vocabulary learnt using Chinese characters.
2	Classroom Language	<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 can use the Chinese classroom vocabulary in good sentences and in any given dialogue. 2. Students can correctly pronounce the classroom vocabulary learnt. 3. Students can spell and write the vocabulary learnt using Chinese characters.

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives
3	'Da Long was late.'	<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 can use the Chinese classroom vocabulary in good sentences and in any given dialogue. 2. Students can correctly pronounce the classroom vocabulary learnt. 3. Students can spell and write the vocabulary learnt using Chinese characters.
4	Class	<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 can use the Chinese class vocabulary in good sentences and in any given dialogue. 2. Students can correctly pronounce the class vocabulary learnt. 3. Students can spell and write the vocabulary learnt using Chinese characters.
Final Exam 1					
Total Score for Semester 1					

Course Syllabus
Subject : Japanese Year : 5 Semester : 1/2018_19

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives Assessment Scores
1	Lesson4: At school	-Foods -Adjectives -Pronouns : この this one, そのthat one, あのthat one over there -Introduction to Japanese culture: Introduce Japanese traditional toys and items. -Likes and dislikes -Hiragana sounds and words.		-Using adjectives to describe things and food. -Making simple sentences with a good use of pronouns and adjectives. -Answering and asking questions about likes and dislikes regarding food, animals and sports. -Reading and writing hiragana 46 letters and simple words.	-Students will be able to speak in simple sentences using adjectives. -Students will be able to identify the relationship between language and the culture of Thailand. -Students will be able to read and speak in short sentences to convey information about food. - Through games and activities students will be able to identify hiragana letters and words.
Midterm Exam 1					

Units	Topics	Contents	B.E. 2551 Standards	B.E. 2551 Grade Level indicators	Objectives Assessment Scores
2	Lesson5: School life	-Counts numbers 21-50 -Month of the year -The day -The day of the week; Introduce <i>kanji</i> (Chinese characters) for days of the week. -Relative time words; きょう today, あ した tomorrow -Hiragana letters and words. Revision: Lesson4- Lesson5		-Forming questions about the date. -Asking and answering about the day, month of the year and the day of the week. -Asking and giving information about; <ul style="list-style-type: none"> • birthday • holidays • timetable • special days -Writing simple hiragana words.	-Students will be able to talk about the date and give some information about it. -Students will be able to read and correctly pronounce the date in Japanese -Students will be able to recognize <i>kanji</i> for days of the week. - Through games and activities students will be able to identify hiragana letters and words.
Final Exam 1					
Total Score for Semester 1					