Learning Group: <u>Foreign Language</u> Year Level: <u>9</u>

Course Syllabus (Final – Semester 1) Subject code Total: <u>1.0</u> credit

Subject: English in Mind

Chapter/Unit	Topics	Contents	Objectives	Reference
5	Reality TV	 5.1 <u>Reading</u>: - Ever fancied being on TV? Social network 5.2 <u>Listening</u>: a radio show about fame 5.3 <u>Speaking</u>: - Talking about reality TV and fame Talking about roles at home Describing films, holidays, books and websites. 5.4 <u>Writing</u>: A report about a class survey 5.5 <u>Vocabulary</u>: - Extreme adjectives and modifiers 5.6 <u>Grammar</u>: - make/let/be allowed to Modal verbs of obligation, prohibition and permission 	 By the end of this chapter, students should be able to Understand about working in as TV. Understand the use of modal verbs Do role paly on a reality show 	(B) 40 – 45 (WB) 30 – 35
6	Survival	 6.1 <u>Reading</u>: - Bees dying for a phone call? It's not really a choice 6.2 <u>Listening</u>: A presentation about change in a town 6.3 <u>Speaking</u>: - talking about what will happen in the future Discussing proposals to change in your town 6.4 <u>Writing</u>: a formal letter to a newspaper 6.5 <u>Vocabulary</u>: - make and do Expression with make 6.6 <u>Grammar</u>: - Present passive and past passive Present perfect passive Future passive Causative have (have something done) 6.7 <u>Pronunciation</u>: stress pattern in have something done 	 By the end of this chapter, students should be able to Understand the importance of writing proposals Understand the use of passive voice Write formal letters 	(B) 46 – 53 (WB) 36 – 41

7	Good and evil	 7.1 <u>Reading</u>: - summaries of famous English novels The water of wanting 7.2 <u>Listening</u>: An interview about someone's favorites computer games 7.3 <u>Speaking</u>: - finding out how well you know your partner Talking about computer games 7.4 <u>Writing</u>: A composition about the advantages and disadvantages of a chosen topic 7.5 <u>Vocabulary</u>: Noun suffixes (-ity/-ment/ -ness—ion/-ation) 7.6 <u>Grammar</u>: Gerunds and infinitives 7.7 <u>Pronunciation</u>: Word stress 	•	 By the end of this chapter, students should be able to ➤ Conduct interviews with famous people ➤ Understand the use of v+ing in the form on nouns ➤ Write a compare and contrast essays. 	(B) 45 – 59 (WB) 42 – 47
8	Be honest!	 8.1 <u>Reading</u>: 8.2 <u>Listening</u>: - Two people talking about lies they told A radio show about teenage crime Song – I wish 8.3 <u>Speaking</u>: - talking about telling lies Talking about telling lies Talking about unlikely situations Talking about things you wish you could change Discussing what you would do in different situations 8.4 <u>Writing</u>: A blog comment about teenage crime 8.5 <u>Vocabulary</u>: Crimes verbs 8.6 <u>Grammar</u>: - second conditional I wish/if only for present situation 	•	 By the end of this chapter, students should be able to ➤ Understand what crime is and how can they avoid or protect themselves from it? > Understand the use of second conditional clause > Differentiate if they should or should not do those things. 	(B) 60 – 65 (WB) 48 – 53

Course Syllabus (Final – Semester 1)

Learning Group: <u>Mathematics</u> Year Level: <u>9</u> Subject code Total: <u>1.0</u> credit Subject: <u>Focus Smart + Mathematics</u>

Chapter/Unit	Topics	Contents	Objectives	Reference
4	Linear Equations	4.1 Linear Equation in Two Variables4.2 Simultaneous Linear Equations in Two Variables	 By the end of this chapter, students should be able to Solve system of Linear equations with two variables which can be applied for problem – solving as well as be aware of the validity of the answer. 	Page 67 – 82
5	Linear Inequalities	 5.1 Inequality 5.2 Linear Inequalities in One Unknown 5.3 Performing Computation on Inequalities in One Variable 5.4 Solving inequalities in One Variable 5.5 Simultaneous Linear inequalities in One Variable 	 By the end of this chapter, students should be able to Apply knowledge of linear inequalities with one variable for problem solving, as well as aware of the validity of the answer. 	Page 84 – 108

Learning Group: <u>Science</u> Year Level: <u>9</u>

Course Syllabus (Final – Semester 1) Subject code Total: <u>1.0</u> credit

Subject: <u>Focus Smart + Science</u>

Chapter/ Unit	Topics	Contents	Objectives	Reference
6	Electricity Science Laboratory Experiment	 6.1 Electricity 6.2 Measuring Electricity 6.3 Current, Voltage and Resistance 6.4 Parallel and Series Circuits 6.5 Current Voltage and Resistance in a Series Circuit 6.6 Current, Voltage and Resistance in a Parallel Circuit 6.7 Electronic Circuits 6.8 Cost of Electrical Energy 6.9 Importance of Safety Precautions in the use of Electricity 6.10 Electricity 6.11 Soda can electroscope 6.12 Floating needle compass 	 By the end of this chapter, students should be able to Experiment and explain the relationship between potential difference, electrical current and resistance, and apply the knowledge gained for useful purposes. Calculate electrical energy of electrical appliances, and the knowledge gained for useful purposes. Observe and discuss correct, safe and economical connection of electrical circuits at home. Explain resistors, diodes and transistors, and experiment in connection basic electronic circuits with transistors. 	Page 114 – 156 Page 35 – 43 Page 44 – 48 Page 49 – 51

Learning Group: <u>Social Studies</u> Year Level: <u>9</u>

Course Syllabus (Final – Semester 1) Subject code Total: <u>1.0 credit</u>

Subject: Social Studies Grade 9

Chapter/Unit	Topics	Contents	Objectives	Reference
1	Buddha Postures	 1.1 Buddha Posture 1.1 Victory over Mara Buddha Posture 1.1.2 First Teaching Buddha Posture 1.1.3 Walking Buddha Posture 1.2 Buddha posture for days of the week 1.2.1 Buddha posture for Sunday 1.2.2 Buddha posture for Monday 1.2.3 Buddha posture for Tuesday 1.2.4 Buddha posture for Wednesday (day-time) 1.2.5 Buddha posture for Wednesday (night-time) 1.2.6 Buddha posture for Friday 1.2.8 Buddha posture for Saturday 	 By the end of this chapter, students should be able to Analyze the life of the Buddha from various poses of Buddha images. Demonstrate and explain the different postures of Buddha. Identify and demonstrate the Buddha postures of the week. 	Page 3 – 12
2	Lord Buddha's Teachings	2.1 Four Noble Truths2.2 Triple Gems2.3 Eightfold Path	 By the end of this chapter, students should be able to Analyze the importance of Buddhism. Explain the Triple Gems as the central point of teaching in Buddhism. Explain the virtue of Sangha and the important teachings within the framework of the Four Noble Truths. Identify the Eightfold Path Practice meditation 	Page 13 – 24
3	Followers of Buddhism	 3.1 Buddhadasa Bhikkhu 3.2 The Young Buddhist association of Thailand 3.3 The World Fellowship of Buddhists 	 By the end of this chapter, students should be able to Analyze disciples' duties and roles and conduct themselves correctly towards disciples as prescribed. Identify the duties of good believers. Present guidelines for upholding of their religions. 	Page 25 – 32

Learning Group: <u>Health Education</u> Year Level: <u>9</u> Course Syllabus (Finals Semester 1) Subject code Total:____ credit

Subject: <u>Health Education Grade 9</u>

Chapter/Unit	Topics	Contents	Objectives	Reference
4	Teenagers' unwanted pregnancy and controlling Fertility	 4.1 Abstinence and Resistance skills 4.2 Why preventing unwanted pregnancy among teenagers is important 4.3 Controlling fertility 	 By the end of this chapter, students should be able to Choose to take the health services with proper reasons. Choose to take the health services with proper reasons Analyze the medical advancement affecting health 	Page 32 – 38
5	Non Communicabl e Diseases	 5.1 Kidney Disease 5.2 Kidney function test method 5.3 Endocrine disease 5.4 The adrenal gland test 5.5 Hypothyroidism 5.6 Low thyroid function test 5.7 Heart disease 5.8 Test your heart rate 5.9 Diabetes 5.10 The blood sugar test 	 By the end of this chapter, students should be able to Suggest or to propose the guidelines to prevent diseases that are the main causes of illness and death of the Thai people. 	Page 39 – 46
6	Safety in living	 6.1 Food safety at home 6.2 Security at home 6.3 Other safety measures 6.4 How to prevent electrical fire 6.5 Family violence 6.6 The cycle of abuse 	 By the end of this chapter, students should be able to Set the menus suitable to various ages, bear in mind the cost - effectiveness and the nutritional value Analyze the influence of the media on behaviors related to Health Analyze the causes and propose the guidelines to prevent and solve family conflicts. 	Page 47 – 53