



**Sarasas Witaed Chiang Mai School**  
**Midterm Topics Semester 2 Academic Year 2016**  
**Grade 10**

**Language**

**Unit 5: Do Something**

- Grammar: Pages 41 and 43 (Student book)
- Vocabulary: Page 41 (Student book)
- Comprehensions: Pages 40 - 41 and 44 (Student book) just study the types of questions asked.

**Unit 6: Our world**

- Grammar: Pages 47 (Student book)
- Vocabulary: Page 48 and 51 (Student book)
- Comprehensions: Pages 46, 48 – 49 and 50 (Student book) just study the types of questions asked.

**Unit 7: Peacemakers**

- Grammar: Pages 55 and 56 (Student book)
- Vocabulary: Page 57 (Student book)
- Comprehensions: Pages 54 and 58 -59 (Student book) just study the types of questions asked.

<b>Writing</b>	<b>Grammar</b>
1. Basic parts of speech -nouns                      -prepositions -pronouns                  -adjectives -verbs                        -adverbs 2. Be form of the verb p. 25 -followed by a noun, adjective, prepositional phrase 3. Stative verb pp: 31-32 4. Prepositions of place pp: 33-34 5. Has and doesn't have pp: 37-38 6. Sentence construction 7. Punctuation and capitalization rules 8. Subject-verb agreement with the be verb 9. Adding details to a sentence 10. Creative writing 11. Writing opinion	<b>1. Speaking Ability</b> - Situation - Idiom <b>2. Grammar</b> - Tense - Subject and Object Pronouns <b>3. Vocabulary</b> - 100 Vocabulary for University Exam (Set 1 and 2) <b>4. Reading</b> - Main idea - Reference

Chinese	Science (Chinese/Arts)
<p><b>Unit 16 :</b>  <u>Vocabulary</u>            现在 一起 走 常常 有时候 借 上网 查资料            安静 晚上 复习 预习 课文 生词 或者 还是            电影 电视剧 休息 宿舍 公园 超市 东西</p> <p><b>Unit 17:</b>  <u>Vocabulary</u>            出来 正在 音乐 没有 录音 事 书店 想            坐 挤 骑 行 门 课 综合 口语 听力            阅读 文化 体育 教</p>	<ul style="list-style-type: none"> <li>• Waves – Notes and other materials</li> <li>- Types/Classification of Waves</li> <li>- The Electromagnetic Spectrum</li> <li>- Parts of the Waves</li> <li>- Reflection and Refraction of Waves</li> <li>- Properties of Sound Waves</li> <li>- Wave Diffraction and Interference</li> </ul>
Biology	Chemistry
<ul style="list-style-type: none"> <li>• Heredity and Variability – Chapter 3</li> <li>- Cell Division</li> <li>- Traits and Inheritance</li> <li>- Sex Determination and Twins among Humans</li> <li>- Mutation</li> <li>- Effects of Genetic Research on Human Life</li> </ul>	<p>pp 101-121</p> <ul style="list-style-type: none"> <li>• The Mole</li> <li>- Avogadro's Number, molar mass</li> <li>- Gas density, mass, number of moles and volume at STP and room conditions</li> <li>• Types of Chemical Reaction</li> <li>• Balancing of Equation</li> </ul>
Physics	Mathematics
<ul style="list-style-type: none"> <li>• Light, Color and Sight – Chapter 7</li> <li>- The formation of images by plane mirrors and lenses</li> <li>- The formation of images by optical instruments</li> <li>• Heat (additional topic)</li> <li>- Methods of Heat Transfer</li> <li>- Heat Capacity</li> <li>- Specific Heat Capacity</li> </ul>	<ul style="list-style-type: none"> <li>- Horizontal &amp; Vertical Distances</li> <li>- Slope of a Line</li> <li>- x and y intercepts</li> <li>- Graphing Linear Equations</li> <li>- Equations of Lines               <ul style="list-style-type: none"> <li>- Slope-Intercept</li> <li>-Slope-Point</li> <li>-Two-Point</li> </ul> </li> <li>- Parallel Lines</li> </ul>