



Sarasas Witaed Chiang Mai School
Final Topics Semester 2 Academic Year 2017
Grade 9

Language	Mathematics
<p>Unit 12: Regret</p> <ul style="list-style-type: none"> • Grammar: Third Conditional • Vocabulary: Anger • Pronunciation • Grammar: I wish / If only for past situations should / shouldn't have done • Last but not least: more speaking <p>Unit 13: Hopes & Fears</p> <ul style="list-style-type: none"> • Read and listen: What are you afraid of? • Grammar: Non-defining relative clauses (Give extra information) - Defining vs. Non-defining relative clauses - Definite / Indefinite and Zero articles • Pronunciation: Pausing in non-defining relative clauses • Vocabulary • Culture in Mind - Vocabulary; Adjectives with prefixes, - Phrasal Verbs with through - Vocabulary <p>Unit 14: Happiness</p> <ul style="list-style-type: none"> • Grammar: be used to / Phrasal verbs • Vocabulary: expressions with feel • Pronunciation • A Tough Decision - Everyday English - Improvisation - Making Waves - Last but not least: more speaking 	<p>Unit 3: Basic Statistics (pp.56-120)</p> <ol style="list-style-type: none"> 1. Statistical Data <ol style="list-style-type: none"> 1.1 Frequency Distributions 1.2 Grouped Data 1. Discrete and Continuous Data 2. Statistical Presentations <ol style="list-style-type: none"> 2.1 Pictograms 2.2 Bar Charts 2.3 Pie Charts 2.4 Histograms 2. Line Graphs 3. Statistical Average <ol style="list-style-type: none"> 3.1 Mean 3.2 Median 3.3 Mode <p>Unit 4: Strengthening Skills in Mathematical Processes (pp.121-144)</p> <ol style="list-style-type: none"> 1. Integers and Fractions 2. Area and Volume 3. Triangles and Parallel Lines 4. Equations
	Grammar
	<ul style="list-style-type: none"> • When / While • Adverb of Frequency • Have someone do something Have something done • Irregular Verbs • Unseen Story

Science

Chapter 10: Space Technology(pp.210-221)

- Vocabulary
- Galileo Galilei: 1564-1642

10.1 Telescopes

- Refracting telescope
- Reflecting Telescopes

10.2 Radio Telescope

- Karl G. Jansky: 1905-1950
- Hubble Satellite

10.3 Satellite and Space ship


10.2 Weather

Forecasting

10.4 Spacecraft

Chapter 7: Weather

- Vocabulary
- 7.1 What is climate?
- Major components needed to understand the climate system and climate change

Next 

7.2 What is Climate Variability

7.3 What is Thunderstorm?

- Growth of a Thunderstorm

7.4 What is Lightning - Summer Storms

7.5 What is a Tropical Cyclone?

- Structure of a Cyclone (schematic)

7.6 What is Monsoon?

7.7 What is El Nino?

- What Causes It?

7.8 What is La Nino?

- The Effect on The United States from La Nino

- How do we know if a La Nino is present?

- What is the difference between El Nino and La Nino?

- Why do El Nino and La Nino occur?

7.9 What is Greenhouse Effect?

1.10 What is Weather Forecasting?

- How Do Satellites Keep Track of Weather?
- Geostationary Orbit
- Polar Orbit Satellites