

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

Grade 9	
Language	Mathematics
Unit 12: Regret	Unit 3: Basic Statistics (pp.56-120)
Grammar: Third Conditional	1. Statistical Data
Vocabulary: Anger	1.1 Frequency Distributions
• Pronunciation	1.2 Grouped Data
• Grammar: I wish / If only for past situations	1. Discrete and Continuous Data
should / shouldn't have done	2. Statistical Presentations
 Last but not least: more speaking 	2.1 Pictograms
Unit 13: Hopes & Fears	2.2 Bar Charts
• Read and listen: What are you afraid of?	2.3 Pie Charts
Grammar: Non-defining relative clauses	2.4 Histograms
(Give extra information)	2. Line Graphs
- Defining vs. Non-defining relative clauses	3. Statistical Average
- Definite / Indefinite and Zero articles	3.1 Mean
Pronunciation: Pausing in non-defining	3.2 Median
relative clauses	3.3 Mode
Vocabulary	Unit 4: Strengthening Skills in Mathematical Processes
• Culture in Mind	(pp.121-144)
- Vocabulary; Adjectives with prefixes,	1. Integers and Fractions
- Phrasal Verbs with through	2. Area and Volume
- Vocabulary	3. Triangles and Parallel Lines
Unit 14: Happiness	4. Equations
• Grammar: be used to / Phrasal verbs	
 Vocabulary: expressions with feel 	
• Pronunciation	
A Tough Decision	Grammar
- Everyday English	When / While
- Improvisation	Adverb of Frequency
- Making Waves	Have someone do something
- Last but not least: more speaking	Have something done
	Irregular Verbs

• Unseen Story

Social Studies	Health Education
Unit 11: North America (pp.102-113)	Unit 9: Exercises for Health (pp.72-76)
General view on NorthAmerica	Aerobic and Aerobics
Landscapes, Mountain Ranges	Benefits of Doing Regular Aerobic Exercises
and Great Plains	History of Aerobics
Great Rivers in North America	Aerobic Gymnastics
The Five Great Lakes	Types of Physical Activity
Climate and Weather	Aerobic or Cardiovascular Exercise
• Seasons • Storms	Unit 9: Exercise for Health (pp.77-81)
Plant life Wild life	Strength or Weight Training
Vocabulary	Stretching or Flexibility
Unit 12: South America	• Balance
• Maps	Exercising and Aging
Country Name and Capital	Unit 10: First Aid and CPR (pp.82-86)
General View on America	First Aid Fundamentals
• Deserts, Highlands, Plains and Rivers	• The Contents of a First Aid Kit
Amazon Basin	Checking on an ill or injured person
 Climate and Weather 	Rescue Breathing and CPR
Wild Life in South America	Conclusion: Resuscitation
Vocabulary	
Chinese	Japanese
Part 1: ให้นักเรียนแปลความหมายของคำศัพท์ที่กำหนด	1.ตัวอักษร วรรค ma mi mu me mo
ให้ถูกต้อง	ま み む め もและคำศัพท์ในหนังสือkoharu
字,最近,一点,少,用,黑板,应该,难看	2. การถามและการบอกสถานที่ต่างๆUnitที่38
Part 2:ให้นักเรียนเขียนประโยคโดยใช้โครงสร้าง越来越	どこですか。dokodesuka
Part 3:ให้นักเรียนเลือกวงกลมคำตอบที่ถูกต้อง	なんがいですか。 nan gai desuka
้ (คำศัพท์ในบทเรียน)	3. การถามและการบอกสิ่งที่ชอบมากที่สุด Unitที่39 เน้นคำศัพท์
 好看,清楚,越来越,适合,最近	้ เกี่ยวกับคารานักร้อง กีฬา และจังหวัดในประเทศไทย
Part 4:ให้นักเรียนจับคู่คำศัพท์และพินยินให้ถูกต้อง	4.การเขียนลำดับเส้น
(คำกริยา)	
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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

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 betweenEl 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