

Y6 EXTRA CLASS

Exam Overviews, Semester 1, 2014.

English

Resources:

- English Textbook.
- English Workbook.
- English Notebook (class discussions and note taking during class).
- The Wind in the Willows (Novel)

Units and topics for examination:

Unit 1: I am Special.

English Textbook: Pages 1 → 16

English Workbook: Pages 1 → 10

Topics	Vocabulary Words	
<ul style="list-style-type: none">• I am Special• Simple past tense• Past continuous tense• Present perfect tense• Words to show feelings• Words to express degrees of feelings	Special, Resolution Disability Independent Prosthetic Tossed and turned Trembling, Nervous	Confident Hated Feared Envy, Embarrassed Bravely, Kindly Cheerfully Miserable, Anxious Impatient, Overjoyed

Unit 2: Tales To Tell.

English Textbook: Pages 17 → 32

English Workbook: Pages 11 → 20

Topics	Vocabulary Words	
<ul style="list-style-type: none">• Never Ride a Tiger• 'If' to talk about things that are likely to happen• Abstract nouns to refer to feelings, states and qualities• Verbs to describe actions, speech, thoughts and feelings	Foolish, Warned, Dangerous, Prowled, Growled, Trembled, Exclaimed, Pleaded, Downfall, Pride, Suggested,	Disappointment, Attacked, Pierce, Thought, Trapped, Ordered, Punish, Screamed, Fled

Unit 3: Healthy Eating.

English Textbook: Pages 33 → 48

English Workbook: Pages 21 → 30

Topics	Vocabulary Words	
<ul style="list-style-type: none">• A Balanced Diet• 'Which' to ask questions to identify an exact object or place• Abstract nouns• Verbs in a story	Diet, Protective, Energy-giving, Body- building, Grains, Servings Raw, Fried, Boil, Cholesterol, Steamed, Unhealthy, Calcium, Vitamins	Barbecued, Minerals, preservatives, Junk-food, Ingredients Dairy products

Unit 4: A Healthy Lifestyle.

English Textbook: Pages 49 → 64

English Workbook: Pages 31 → 40

Topics	Vocabulary Words	
<ul style="list-style-type: none"> • Regular Exercise • Eating Right • 'If' and 'unless' to talk about things that are likely to happen • Connectors to link similar ideas • Words and phrases related to exercise and food • Writing an exposition • Finding books using an online library catalogue • Expressing agreement or disagreement • Vowel sounds 'air' and 'are' • Writing a letter to a health magazine 	Regular, Relax, Fitness, Jogging, Indoor-sports, Unless, Salty Badminton, Injuries, Gobble, Loose-fitting, Warm-up exercise Warm-down exercise, Intense Workout, Beware Overeat, Energy Cereals, Disagree	

Unit 5: The Lost World

English Textbook: Pages 65 → 80

English Workbook: Pages 41 → 50

Topics	Vocabulary Words	
<ul style="list-style-type: none"> • How Fossils are formed • How do scientists work out the way Herbivorous Dinosaurs ate their food? • Connectors of time • Connectors to show contrast • Words used for investigation • Suffixes to indicate a person's status or occupation • Finding information on the internet • Listening to an extract • Asking and answering factual questions • Silent letters 'k' and 'l' • Creating explanation cards 	Fossils, Museum Ancient, Harden Minerals, Exhibits, Explore, Clue, Evidence, Information, Examine, Discover Findings, Conduct Experiments, Research, Prove Extinct, Deduce Herbivorous Carnivorous	

Examples of questions that will be used during the examination:• Section A: 40 Marks

Section A consists of 40 multiple choice questions where the students have to choose from 4 different answers – a, b, c, or d. These questions will be general questions from the content covered during the semester and will also test the students' ability to:

- Use key vocabulary in an English sentence.
- Identify different definitions relating to the vocabulary.

Example question

1. Damage to the body that prevents it from working properly?

a) injury

b) illness

c) inspect

d) insurance

The answer is (a).

- Section B: 40 Marks

In Section B students have to write short answers to questions. Also, students will be given definitions to vocabulary words that have been learnt during the semester. Their job is to write the correct word (spelt correctly). In this section students may also be required to complete diagrams and timelines from a selection of words provided to them.

Example question

1. The ability to work alone, without the help of others.

The answer is **independent**.

- Section C: 20 Marks

In Section C students have to write longer answers to questions. Students will be given a word bank of 5 words. All five words will be related to a particular topic. Their job is to write a paragraph using all five words correctly, to show that they understand the words and how to use them.

The students will then be given a **completed** crossword. The students must write the clues for the crossword, using full sentences.

Example question

Use the words from the box to write 4 sentences in a paragraph showing that you understand the words and how to use them. (2 marks for each sentence + 2 marks for writing a paragraph).

special

disability

independent

achieve

resolution

Mathematics

Resources:

- Mathematics Textbook.
- Mathematics Notebook (class discussions and note taking during class).

Units and topics for examination:

Unit 1: Numbers		
Mathematics Textbook: Pages 1 → 26		
Topics	Vocabulary Words	
<ul style="list-style-type: none">• Number: An idea of quantity• Place value: A number is written with digits. Each digit has a different value depending on where it is in the number.• Expanded notation: To multiply the number by its place value• Inequalities: Compare numbers using symbols.• Rounding off: Write numbers to the nearest unit.• Addition: Add numbers.• Subtraction: Subtract numbers• Multiplication: Multiply numbers• Division: Divide numbers• Order of operations• Problem solving: Solve word problems	<ul style="list-style-type: none">NumberDigitWhole numbersOdd numbersEven numbersPlace valueExpanded notationOrderingAscending orderDescending orderInequalityRounding off	<ul style="list-style-type: none">AdditionSumSubtractionDifferenceMultiplicationProductDivisionQuotientDivisorDividendRemainder
Unit 2: Equations		
Mathematics Textbook: Pages 27 → 43		
Topics	Vocabulary Words	
<ul style="list-style-type: none">• Parts of an equation.• Equations with unknown variable.• Addition with equations• Subtraction with equations• Multiplication with equations• Division with equations• Equation word problems.	<ul style="list-style-type: none">EquationConstantVariableCoefficientExpressionTerm	
Unit 3: Factors		
Mathematics Textbook: Pages 44 → 74		
Topics	Vocabulary Words	
<ul style="list-style-type: none">• Factors of whole numbers• Prime numbers and prime factors• Finding prime factors- Factor tree method• Finding prime factors using division• Highest Common Factor (H.C.F)• Lowest Common Multiple (L.C.M)	<ul style="list-style-type: none">FactorPrime numbersComposite numbersEven numbersOdd numbersHighest CommonFactor (H.C.F)	<ul style="list-style-type: none">Lowest CommonMultiple(L.C.M)QuotientDivisorDivide

Unit 4: Geometry

Mathematics Textbook: Pages 75 → 98

Topics	Vocabulary Words	
<ul style="list-style-type: none"> • Points- Ray - Line segments - Parallel lines - Intersecting lines – Perpendicular lines • Angles – Vertex – Types of Angles • Measuring angles with protractors • Five angle rules • Types of polygons 	Geometry Point Line Line segment Ray Angle Vertex Acute angle Right angle Obtuse angle	Reflex angle Parallel Perpendicular Intersect Corresponding angles Alternate angles Interior angles Exterior angles Polygon Protractor Degrees

Unit 5: Map Reading

Mathematics Textbook: Pages 99 → 113

Topics	Vocabulary Words	
<ul style="list-style-type: none"> • Points of a compass –North – South – East – West – Northeast – Northwest – Southeast – Southwest • Compass directions and bearings • Map and map scales 	Compass Bearing Map North South East West Northeast	Northwest Southeast Southwest Scale Direction Degrees

Unit 6: Decimals

Mathematics Textbook: Pages 114 → 143

Topics	Vocabulary Words	
<ul style="list-style-type: none"> • Place values • Chart for decimal numbers • Writing decimals in words. • Writing decimals in expanded notation • Comparing decimals • Adding decimals • Subtracting decimals • Multiplying of decimals • Division of decimals • Solving word problems 	Decimals Decimal point Place value Tenths Hundredths Thousandths Expanded notation	Fraction Symbol Sum Difference Product Quotient

Examples of questions that will be used during the examination:

- Section A consists of 40 multiple choice questions where the students have to choose from 4 different answers – a, b, c, or d. These questions will be general questions from the content covered during the semester and will also test the students' ability to:
 - Use key vocabulary in an English sentence.
 - Identify different definitions relating to the vocabulary.

Question

1. What is the sum of the interior angles of a triangle?

a) **180°**

b) 360°

c) 540°

d) 720°

- Section B: 40 Marks

In Section B, students have to solve equations, write the bearings, find the prime factors of the given numbers, complete the table about polygons and write the meanings of the words.

Question

1. Find the value of the variable.

$$5y = 45$$

$$y = 45 \div 5$$

$$y = 9$$

Answer: $y = 9$

2) Write the bearing of the given compass direction.

Northeast _____°

Answer: 045°

3) Write the whole number as a product of its prime factors.

$$18 = _ \times _ \times _$$

Answer: $2 \times 3 \times 3$

4) Write the meaning of the word.

a) Even numbers

Answer: Even numbers are numbers which are divisible by 2.

5) Write the number of sides and the sum of the angles of the given polygon.

a) Nonagon

Answer: Number of sides 9

Sum of the angles 1260°

- Section C: 20 Marks

In Section C, students have to analyze and solve word problems about numbers, equations and decimals.

Question

1) When you double a number and take away 7, the result is 9. Find the number.

a) Equation: $2x - 7 = 9$

b) Method : $2x - 7 = 9$

$$2x - 7 + 7 = 9 + 7$$

$$2x = 16$$

$$x = 16 \div 2$$

$$x = 8$$

c) Answer: The number is 8.

Science

Resources:

- Science Textbook.
- Science Notebook (class discussions and note taking during class).

Units and topics for examination:

Introduction of Science: Science Textbook: Pages 1 → 3			
<u>Our Bodies</u> Science Textbooks: Pages 27 → 38			
Topics	Vocabulary Words		
<ul style="list-style-type: none"> • Branches of science • Human organ system • Life and Environment • Life Stages of human 	Astronomy Anatomy Atmosphere Adolescence Adulthood Affect Artery Alveoli Biology Bronchioles Bronchi Bladder Capillaries Cartilage Childhood Chemistry Cilia Circulatory	Circulatory Diaphragm Digestive Ecology Esophagus Femur Geology Infancy Inhale Intestine Joints Menopause Muscular Meteorology Microbes Nerve Nervous System	Organ Old-age Pancreas Physics Respiratory Retire Saliva Stapes Skeleton Spinal Cord Trachea Theory Tissue Urethra Vocal Cords Vein zoology

<u>Ecology</u> Science Textbook: Pages 43 → 61			
Topics	Vocabulary Words		
<ul style="list-style-type: none"> • The Environment • The Physical Environment • The living Environment • Ecosystem • Humans and the Environment • The effect of deforestation • Pollution • Helping the Earth • How can we help the Earth? 	Air Pollution Biodiversity Community Crops Chlorofluorocarbon Cultivation Desertification Deforestation Decomposers Ecosystem	Ecology Erosion Fertilizer Food Chain Grazing Greenhouse effect Global Warming Habitat Insecticide Logging Organism	Protocol Producer Primary Consumer Physical Environment Secondary Consumers Tertiary Consumers Urban development Water pollution

Animals Science Textbook: Pages 4 → 21			
Topics		Vocabulary Words	
<ul style="list-style-type: none"> Animals Reproduction Classification of Animals Animals Live in Different Places Producers and Consumers Food Chain 	Amphibians Arachnids Asexual Beak Carnivores Classification Decomposer Feather Food chain Food Web	Gill Herbivores Invertebrates Mammals Mating Metamorphosis Omnivores Reproduction Reptile Runner	Vertebrates

Matter Science Textbook: Pages 118 → 126			
Topics		Vocabulary Words	
<ul style="list-style-type: none"> Matter in Daily life 	Solid Liquid Gas Matter		

Examples of questions that will be used during the examination:

- Section A consists of 40 multiple choice questions where the students have to choose from 4 different answers – a, b, c, or d. These questions will be general questions from the content covered during the semester and will also test the students' ability to:
 - Use key vocabulary in an English sentence.
 - Identify different definitions relating to the vocabulary.

Question			
1. Plants are able to photosynthesize because they have _____ in their leaves, which allows them to turn sunlight into food and also makes the leaves green.			
a) Chlorophyll	b) Vascular Bundles	c) Anthers	d) Xylem

- Section B: 40 Marks**
In Section B students have to write short answers to questions, match words with their function or placement, and follow instructions where necessary from the units covered during the semester.

Here the students will be asked to relate vocabulary from the units applied to the actual structure of a plant, animal or food term.

Question

The students will write true if the statement is true and false if it's not.

A. Example: True or False

All mammals are vertebrates False

Question

The students will choose inside the box the correct answer to complete the sentence.

Heart	Brain
-------	--------------

_____ 1.Controls our body movements.

Question

The students will classify that group of animals it belongs.

Herbivores	Carnivores	Omnivores
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Dog = _____

• Section C: 20 Marks

In Section C students have to write longer answers to questions from the units covered during the semester focusing on vocabulary use and their ability to explain.

Question

The students will be asked to write about given topic.

Give at least two processes of the digestive system.

- a. _____
- b. _____

Question

The students will arrange the life cycle of a human into the correct order.

- A. _____
 - B. _____
- | | |
|---------|-----------|
| Infancy | Childhood |
|---------|-----------|

Question

The students will draw an example of a Solid , Liquid, and Gas

Solid

Liquid

Gas

Social Studies

Resources:

- Social Studies Textbook.
- Social Studies Notebook (class discussions and note taking during class).

Units and topics for examination:

Unit 1: Major Religions of the World				
Social Studies Textbook: Pages 1 → 13				
Topics	Vocabulary Words			
<ul style="list-style-type: none"> • <u>Major Religions of the world</u> • <u>Christianity</u> • <u>Islam</u> • <u>Hinduism</u> • <u>Buddhism</u> 	Baptism Treason Prophet worship fast preach reincarnation Ramadan pilgrimage Buddha Self-Denial	confession Religion Monotheism Polytheism prophet atheist follower apostle Buddhism Noble Eightfold Path	ceremony stray threat Church The Pope Resurrection Islam Convert Karma Buddhist Nirvana Four Noble Truths	Buddhism Trinity B.C. (Before Christ) A.D. (Anno Domini) B.C.E. (Before the Common Era) C.E. (Common Era) B.E. (Buddhist Era) Agnostic Non-Religious

Unit 2: Types of Government			
Social Studies Textbook: Pages 19 → 26			
Topics	Vocabulary Words		
<ul style="list-style-type: none"> • <u>Countries</u> • <u>Communism</u> • <u>Democracy</u> • <u>Monarchy</u> 	Capital City Communism Democracy Society Government Monarchy Royalty Absolute Emperor empire	Anthem Capital City Independent Colony Territory Seize Minerals Divine right	Dynasty Manifesto Absolute Monarchy Divine Right Absolute Power Ballot Card Evidence

Unit 3: Economics				
Social Studies Textbook: Pages 32 → 36				
Topics	Vocabulary Words			
<ul style="list-style-type: none"> • <u>A Brief History of Money</u> • <u>Banking</u> • <u>Economy of Thailand</u> • <u>Taxation</u> 	Alloy Bead Coinage Credit Currency Loan	Debt Mint Exchange Rate Interest Barter Fiscal	Import Export Inflation Taxation V.A.T. (Value Added Tax) Economy	Regulation Seal Electrum G.D.P. (Gross Domestic Profit) Per Capita Poverty Line Unemployment

Unit 4: Thailand

Social Studies Textbook: Pages 41 → 52

Topics	Vocabulary Words		
<ul style="list-style-type: none"> • <u>Geography of Thailand</u> • <u>Rivers</u> • <u>Coastline</u> • <u>Climate</u> <u>Environmental Issues</u> 	Coup, Tributary, Crops, Majority, Ethic group, Population, Classical, Fertile, Traditionally, Agriculture, Border, Portion, Formerly, Compare, Pivot, Comprise, Alluvial, Replenish, Submerge, Swamp, Partially,	Severe, Monsoon, Consists, Separate, Settle, Section, Strategic, Infertile, Form, Drain, Frequent, Drought, Intricate, Popular, Evergreen, Dense, Durability, Species, Inhabit, Extinct, Poisonous, Possess,	Depend, Deforestation, Diversity, Pollution, Native, Congestion, Afflict, Constitutional Monarchy, Century, The National Assembly, Bureaucracy, Archaeological, Domesticated, Absorb, Embrace,

Examples of questions that will be used during the examination:

- Section A: 40 Marks

Section A consists of 40 multiple choice questions where the students have to choose from 4 different answers – a, b, c, or d. These questions will be general questions from the content covered during the semester and will also test the students' ability to:

- Use key vocabulary in an English sentence.
- Identify different definitions relating to the vocabulary.

Question

1. The ceremony in which the monarch takes the throne is called a _____.

a) carnation

b) co-operation

c) coronation

d) collaboration

The answer is 'b' (coronation)

- Section B: 40 Marks

In Section B students have to write short answers to questions. Also, students will be given definitions to vocabulary words that have been learnt during the semester. Their job is to write the correct word (spelt correctly). In this section students may also be required to complete diagrams and timelines from a selection of words provided to them.

The students will also be asked questions where full sentences or explanations are required.

Question

Explain the difference between 'reincarnation' and 'resurrection'?

- Section C: 20 Marks

- In Section C students have to write longer answers to questions. Students will be given a word bank of 5 words. All five words will be related to a particular topic. Their job is to write a paragraph using all five words correctly, to show that they understand the words and how to use them.

Students will then be asked to write an information text about Thailand, including details of rivers, coastline, population, geography, environmental issues etc.

Example question

Use the words from the box to write 4 sentences in a paragraph showing that you understand the words and how to use them. (2 marks for each sentence + 2 marks for writing a paragraph.)

trinity

apostle

resurrection

crucified

baptism

Phonics

Resource: Phonics workbook

Topics of importance:

Unit 1 – Vowel Sounds (Page 1 – 7)

Hard G & Soft G

R Blends

Unit 1 – Digraphs (Page 8 - 13)

Unit 1 – Vowel Variations Two Sounds of 'EA'

Unit 1 – Two Sounds of Y (Page 21 – 23)

Unit 1 – Silent Letters (Page 25 – 27)

Unit 1 – Compound words and Homophones (Page 28 – 31)

Unit 1 – Affixes (Page 32 -37)

Unit 1 – Syllabication (Page 38 -44)

Unit 2 – Word Stress (Page 45 – 54)

Most words are not from previous tests and it is not important for the students to know the words: they may even be nonsense words. The exam tests the children's knowledge of letter sounds, not their knowledge of the meanings of words.

Question

Diagraphs

Answer the blow using the words form the box below:

Cloud Trout Mouse Snout

1. A pig's nose is called a? _____
2. A type of fish? _____
3. An animal that is smaller than a rat? _____
4. A visible mass of liquid droplets or frozen crystals made of water or various chemicals suspended in the atmosphere? _____

Section C: Listening & Writing(10 Marks)

In this section student will listen to a passage read by teacher and will have to complete the missing words to complete the passage.

Question

Jimmy loves to eat _____. One day he eat too much and got a _____.

Chinese

1、 Translate the Chinese words into English. Example: lǎoshī

老师 teacher

Please see textbook P11、 P15 and review how to answer the questions.

2、 Choose the correct Chinese word for each picture.



Example:

泰国

Please see textbook P5 and review how to answer the questions.

3、 Listen and choose the correct Chinese words.

题号	Exa.	1	2	3	4	5	6	7	8	9	10
答案	A										

Example: zhōngguó

rìběn

tàiguó

A、中国

B、日本

C、泰国

Please see textbook P4、 P5、 P10、 P11、 P14、 P15、 P23 and review how to answer the questions.

4、 Choose and write down the correct words to complete the sentence.

Example: xīngqīliùwǒzài

zuòzuōyè

星期六我在 家里 做作业。

Please see textbook P4、 P10、 P23 and review how to answer the questions.

5、 Choose sentences to complete the dialogue.

Example: 你几岁了? 我十岁了。

Please see textbook P14、 P23 and review how to answer the questions.

Japanese

Textbook p.1 -17, Review sheet+ Notebook

Listening

- Listen to the teacher and tick the correct meaning of English words.
Students must memorize "Verbs" and "Words" in the review sheet.

Match the words

-See verbs in the **textbook p.4** and memorize the meanings of nouns and verbs to make sentences.

Choose the correct verbs.

Review verbs (past tense) in the textbook **p.9-10** and memorize the meaning of each verb.

Example: TV を (みました) = I watched TV.

Fill in negative tense ません (masen) orませんでした (masendeshita).

Example: あした 7じに おき (ません)
= I will not wake up at 7o'clock tomorrow.

See review sheet and textbook **p.11 - 14.**

Tick the correct word about Japanese festivals.

Example: "Boy's day" is called
(A. hinamatsuri B. **kodomo no hi** C. tanjyoubi)

Review each festival: New Year, Bean throwing festival, Girls day, Star festival and Moon gazing festival. See notebook.

Choose the correct season and write in hiragana.

Students should memorize the words, **haru (spring), natsu (summer), aki (autumn) and fuyu (winter).**

Tick the correct answer.

Example: **Itsu** shukudai wo shimashitaka?=
(**A kinou shimashita** / B. gohan wo tabemashita)

See review sheet and textbook **p.16 -17.**

Translate into English.

Memorize "Verbs" and "Words" in the review sheet.