

## Mid-term Exam Contents Form: Semester 2 / 2024

**Subject: Foundation Mathematics 2    Code: MA21102    Class: EP M1/1-3    Teacher's Name: Suphak Keereepart**

Contents	Formative 1	Summative Test	Classroom Handouts	Remark
1. Decimals - adding subtracting, multiplying, and dividing of decimals. - Converting decimals into fractions. - Arranging decimals - Comparing decimals	✓	✓	Worksheets, textbook work, teacher's notes	Content might change because of time constraints.
2. Fractions - adding, subtracting, multiplying, and dividing of fractions. - Converting fraction into decimals - Arranging fraction - Comparing fractions	✓	✓		
3. Ratio and Proportion - 2 terms and 3 terms ratio - Different ways of writing Ratios - Equivalent ratios	✓	✓		
4. Percentage - Changing percentage into decimals. - Decimals into percentage. - Changing percentage into fractions. - Fractions into percentage.	✓	✓		

Formative 1: - Quizzes & Tests      - Worksheets

**Subject: Universal Mathematics 2 Code: MA20202 Class: EP M1/1-3 Teacher's Name: Mr. Chris Won**

Contents	Formative 1	Midterm exam	Classroom Handouts	Remark
1. Order of Operations	✓	✓	MyOpenMath assignments, Course video references on Google Classroom, In-class slideshows	Content might change because of time constraints.
2. Intro. to Algebra: Variables	✓	✓		
3. Intro. to Algebra: Simplification	✓	✓		
4. Inverses of Arithmetic Operations	✓	✓		
5. Balancing Equations	✓	✓		
6. Solution of One-step Equations	✓	✓		
7. Solution of Multi-step Equations	✓	✓		
8. Algebraic Approach to Percentages	✓	✓		
9. Algebraic Proportions	✓	✓		

Formative 1: - Class Project - Google Classroom work - My OpenMath work

**Subject: Supplemental Mathematics Code: MA20222 Class: EP M1/1-3 Teacher's Name: Keerthi Prabhakar**

Contents	Formative 1	Mid-term Examination	Classroom Handouts	Remark
1. Algebraic Notation	✓	✓	Worksheets given in class	
2. Language of Mathematics	✓	✓		
3. Words to symbols	✓	✓		
4. Generalizing Arithmetic	✓	✓		
5. Algebraic substitution	✓	✓		

**Subject Code: Foundation English 2 - EN21102**

**Class: EP M1**

**Teacher's Name: Nathan Hunter**

<b>Contents</b>		<b>Formative 1</b>	<b>Midterm Exam</b>	<b>Remark</b>
1.	Vocabulary from Reading Strategies Books	✓	✓	Class Notes
2.	Verb Tenses	✓	✓	Student Book
3.	Subject Pronouns	✓	✓	Class Notes
4.	Reading Comprehension	✓	✓	
5.	Words in Context	✓	✓	
6.	Past Continuous/Past Simple	✓	✓	Student Book
7.	Past Simple/Past Perfect	✓	✓	Student Book
8.	Relative Clauses	✓	✓	Student Book
9.	Writing	✓	✓	Class Notes

**Subject: Supplemental English 14**

**Code: EN20214**

**Class EP M1/1-3**

**Teacher's Name: Jonas Godson**

<b>Contents</b>	<b>Formative Score</b>	<b>Midterm Exam</b>	<b>Classroom Handouts</b>	<b>Remark</b>
Section 1 - Vocabulary <ul style="list-style-type: none"><li>• Definition match</li><li>• Giving preferences</li><li>• Countable /uncountable nouns</li><li>• Quantifiers</li></ul>	✓	✓	<b>Classroom activities</b> <b>Notebook work</b> <b>Worksheet handouts</b> <b>PowerPoint presentations</b>	Content might change because of time constraints.
Section 2 - Reading <ul style="list-style-type: none"><li>• Scanning for information</li><li>• Conjunctions and homonyms</li></ul>	✓	✓		
Section 3 – Grammar <ul style="list-style-type: none"><li>• Adverbs of degree</li><li>• Present Perfect vs. Past Simple</li><li>• Conjunctions</li></ul>	✓	✓		
Section 4 – Writing <ul style="list-style-type: none"><li>• Using gerunds to describe a series of pictures</li><li>• Write a recipe based on illustrated instructions</li></ul>	✓	✓		

Contents	Formative 1	Midterm	Questions	Classroom Handouts	Remark
<p>Unit 1: Earth's Water</p> <p>Lesson 1: Water and Its Properties</p> <ul style="list-style-type: none"> <li>• Four Roles of Water: influencing the weather, shaping the Earth, supporting life, and supporting human activities.</li> <li>• Water's structure: 2 hydrogen atoms and 1 oxygen atom.</li> <li>• Water's states: gas, liquid, solid.</li> <li>• Four Properties of Water: cohesion, adhesion, specific heat, and it dissolves many things.</li> </ul> <p>Lesson 2: The Water Cycle</p> <ul style="list-style-type: none"> <li>• How does water reach the atmosphere?: evaporation, transpiration, and sublimation.</li> <li>• What happens to water in the atmosphere?: condensation then precipitation.</li> <li>• Water movement on land and in the ocean: runoff, infiltration, ice flow, and ocean circulation.</li> <li>• What does the water cycle transport?: energy and matter.</li> </ul>	√	√	√	<p>Discussions, videos, worksheets, poster presentations, PowerPoint presentations, labs, animations, and quizzes posted on Google Classroom.</p>	<p>Content might change because of time constraints.</p>
<p>Unit 3: Earth's Atmosphere</p> <p>Lesson 1: The Atmosphere</p> <ul style="list-style-type: none"> <li>• What is Earth's atmosphere?: mixture of gases surrounding the Earth.</li> <li>• Percentages of gases in the atmosphere.</li> <li>• Changes in pressure and temperature in the atmosphere: what is air pressure?</li> </ul>	√	√	√		

<ul style="list-style-type: none"> <li>• Layers of the atmosphere: thermosphere, mesosphere, stratosphere, troposphere.</li> <li>• How does the atmosphere protect life on Earth?: define ozone layer.</li> <li>• The Greenhouse Effect</li> </ul> <p>Lesson 2: Energy Transfer</p> <ul style="list-style-type: none"> <li>• How are energy and temperature related?: thermal energy.</li> <li>• What is thermal expansion?</li> <li>• What is heat?: specific heat.</li> <li>• Heat energy transfer: radiation, convection, and conduction.</li> </ul>					
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Formative 1: - Quizzes. - Poster assignments -Discussions. - Worksheets. - Labs. - Scientific Investigations; research.

Contents	Formative 1	Final	Questions	Classroom Handouts	Remark
<p>Unit 1: Life Over Time</p> <p>Lesson 1: Introduction to Living Things</p> <ul style="list-style-type: none"> <li>• Five Characteristics that All Living Things Share:                             <ol style="list-style-type: none"> <li>1. Living things are made of cells. What is a cell? What is a unicellular organism? What is a multicellular organism?</li> <li>2. Living things respond to their environment. What is a stimulus? What is a response to a specific stimulus? What is homeostasis?</li> <li>3. Living things reproduce. What are the differences between sexual reproduction and asexual reproduction? Why is DNA important in reproduction; what does it do? Name two forms of asexual reproduction; binary fission and budding. Describe each one. Offspring from sexual reproduction are not identical while offspring from asexual reproduction are identical.</li> <li>4. Living things use energy. Energy allows organisms to make or break down food, move materials into and out of cells, and build cells. Plants convert energy from the sun into food through photosynthesis. Producers, consumers and decomposers and how they get energy/food.</li> <li>5. Living things grow and mature. The difference in growth between unicellular and multicellular organisms. Multicellular organisms</li> </ol> </li> </ul>	√	√	√	<p>Discussions, videos, worksheets, poster presentations, PowerPoint presentations, labs, animations, and quizzes posted on Google Classroom.</p>	<p>Content might change because of time constraints.</p>

<p>pass through different stages of grows. Ex. tadpoles growing into frogs.</p> <ul style="list-style-type: none"> <li>• Four Necessities of Life:</li> <li>• 1. Water. Most chemical reactions in cells require water.</li> <li>• 2. Air. Cells use oxygen in air to release energy from food through a process called cellular respiration.</li> <li>• 3. Food. Food gives organisms the energy and nutrients needed for survival.</li> <li>• 4. Shelter. Organisms need a place to live that protects them from their environment and other organisms.</li> <li>• Organisms often compete for necessities of life.</li> <li>• Be able to give examples of each necessity of life for an organism.</li> </ul>				
<p>Lesson 2: Theory of Evolution by Natural Selection</p> <ul style="list-style-type: none"> <li>• Who is Charles Darwin and what is he famous for?</li> <li>• Darwin's Voyage. What did Darwin learn during the 5 year voyage? What is the definition of evolution, population, species, fertile, offspring, hypothesis, theory, and selective breeding?</li> <li>• Ideas that Influenced Darwin.</li> <li>• Organisms Pass Traits on to Offspring. What are traits and what is an inherited characteristic? What is artificial selection and why is it done? What is a domestic animal and what does it mean to have different breeds of an animal?</li> </ul>	√	√	√	



<ul style="list-style-type: none"> <li>• Organisms Acquire Traits. What are acquired traits and are they inherited?</li> <li>• Earth Changes over Time</li> <li>• A Struggle for Survival Exists Factors that limit population growth; disease, predation, and competition for food.</li> <li>• Natural Selection</li> <li>• What is natural selection and how does it help species survive?</li> <li>• Name and describe the four parts of natural selection; overproduction, genetic variation, selection, and adaptation.</li> <li>• What does genetic mean and what are variations? What is a mutation?</li> <li>• How do species change over time? Over generations, adaptations become more common and genetic differences add up. What are ancestors and what is diversity among organisms?</li> <li>• What happens to species as the environment changes? Adaptations can allow a species to survive and some species may become extinct. What environmental changes could lead to the extinction of a species?</li> </ul>					
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Formative 1: - Quizzes. - Poster assignments - Discussions -Worksheets. - Labs - Scientific Investigations; research

**Subject: Computer for Education 1 & 2: ST20251 & ST20252 Class EP M1 Teacher's Name: Matt Harris**

Contents	Formative 1	Midterm Project	Classroom Handouts	Remark
1. Introduction to Word & Power point	✓	✓	PowerPoint	Content might change because of time constraints.
2. Word & Power point Assignments	✓	✓	Presentations	
3. Notepad & notepad ++ editors	✓	✓	Class Participation	
4. Internet Security & Safety	✓	✓	In-Class Assignments	
5. Computer Hardware & Software	✓	✓	Online PDFs	

**Subject: Computer Science 1 Code: ST21103 Class EP M1 Teacher's Name: Dave Thomas**

Contents	Formative 1	Midterm Project	Classroom Handouts	Remark
1. Introduction to programming	x	x	Worksheets, Online PDFs	Content might change because of time constraints.
2. Control flow	x	x		
3. Programming principles (basics)	x	x		

Formative 1 : - Worksheets - Class participation - quiz - Scratch

## วิชาภาษาไทยพื้นฐาน 2 (ท21102)

- ภาพยนตร์ไชยสุริยา
- ราชธานีราช ตอนสมิงพระรามอาสา
- คำานาม คำสรรพนาม คำกริยา

## วิชาสังคมศึกษา ศาสนาและวัฒนธรรมพื้นฐาน 2 (ส21103)

- หน่วยที่ 9 ศาสนสัมพันธ์
- หน่วยที่ 10 การบำเพ็ญประโยชน์และการบำรุงรักษาวัด
- หน่วยที่ 11 บทบาทหน้าที่ของพระภิกษุและการปฏิบัติตนต่อพระภิกษุ
- หน่วยที่ 12 การปฏิบัติตนตามหลักพระพุทธศาสนา
- หน่วยที่ 14 วันสำคัญและเทศกาลสำคัญทางพระพุทธศาสนา

## วิชาประวัติศาสตร์ 2 (ส21104)

- หน่วยที่ 3 ความเป็นมาและการตั้งหลักแหล่งในดินแดนประเทศไทย

## วิชาการอ่านสัทอักษร 2 (จ20214)

题目: 第四课你是哪国人

第七课 今天几号

เสริม

ชี้ท 国家

ชี้ท 月, 日

内容: 你是哪国人?

我是泰国人。

今天几月几号?

今天星期几?

你属什么?

语法: 哪, 是, 谁, 几

教材: 体验汉语基础教程1