



## Course Description

Subject: General Mathematics 2

Subject Code: MA12202

2 Periods/Week

2.0 Credits

Class: Primary 2A-B

Semester 1-2 /2014

Instructors: Mr. Enrico & Ms.Nittaya

Unit	Learning Outcome
<b>1. Numbers up to 1,000</b> 1.1 Reading and writing numbers 1-1000 (Asean) 1.2 Number patterns 1.3 Odd and evens numbers	<ol style="list-style-type: none"><li>1. Students can read and write numbers 1 - 1000 in both written and numerical form.</li><li>2. Students can understand the number patterns.</li><li>3. Students can recognize odd and evens numbers</li></ol>
<b>2. Addition and subtraction within 100</b> 2.1 Word problems	<ol style="list-style-type: none"><li>4. Students can analyse and find answers to word problems of cardinal numbers not exceeding 100 and 0</li></ol>
<b>3. Addition and subtraction within 1,000</b> 3.1 Adding and subtracting mentally 3.2 Word problems	<ol style="list-style-type: none"><li>5. Students can add and subtract numbers smaller than 1000 mentally.</li><li>6. Students can analyse and find answers to word problems of cardinal numbers not exceeding 1000 and 0</li></ol>
<b>4. Length</b> 4.1 Solving word problems involving length	<ol style="list-style-type: none"><li>7. Students can solve word problems involving length.</li></ol>
<b>5. Mass</b> 5.1 Solving word problems involving mass	<ol style="list-style-type: none"><li>8. Students can solve word problems involving mass.</li></ol>
<b>6. Multiplication</b> 6.1 Multiplication of 1-digit numbers by 2-digit numbers	<ol style="list-style-type: none"><li>9. Students can multiply 1 digit numbers by 2 digit numbers.</li></ol>

Unit	Learning Outcome
<p><b>7. Division</b></p> <p>7.1 Division with a remainder</p>	<p>10. Students can divide one and two digit numbers to find the correct quotient.</p>
<p><b>8. Volume</b></p> <p>8.1 Solving word problems involving volume and capacity</p>	<p>11. Students can solve word problems involving volume and capacity</p>
<p><b>9. Time</b></p> <p>9.1 Using a.m. and p.m.</p> <p>9.2 Before and after</p>	<p>12. Students can tell the time in a.m and p.m.</p> <p>13. Students can use before and after to tell the time</p>
<p><b>10. Money</b></p> <p>10.1 Changing money of the same value (ASEAN)</p>	<p>14. Students can change money of the same value.</p>
<p><b>11. Combined Operations</b></p> <p>11.1 Combined Operations</p>	<p>15. Students can do combined operations</p>
<p><b>12. Geometric Shapes</b></p> <p>12.1 Line and surfaces</p> <p>12.3 Shape patterns</p>	<p>16. Students can recognize lines and surface.</p> <p>17. Students can identify the forms and relations in patterns in which forms are related in one of the following respects: shape, size or color.</p>

## Measurement and Evaluation 1/2014

Total marks 100 marks (Assessment 60: Midterm test/ Final test 40 marks)

Measurement and Evaluation	Evaluation Method	Assessment Tool	Marks	Learning Outcome
1. Pre-Midterm	1. Quiz 2. Vocabulary quiz 3. Course book 4. Participation	1. Mark/score 2. Dictation 3. Checking Exercises 4. Observation sheet	25	No. 1-6
2. Midterm	Examination	Test paper	20	No. 1-6
3. Post-Midterm	1. Quiz 2. Vocabulary quiz 3. Course book 4. Participation	1. Mark/score 2. Dictation 3. Checking Exercises 4. Observation sheet	25	No.7-9
4. Final	Examination	Test paper	20	No.7-9
5. Desirable Characteristics	1. Observation	1. Observation	10	1. Love of nation, religion and king 2. Honesty and integrity 3. Self-discipline 4. Avidity for learning 5. Observance of principles of sufficiency economy philosophy in one's way of life 6. Dedication and commitment to work 7. Cherishing Thai-ness 8. Public-mindedness 9. positive attitude towards Mathematics 10. Awareness of drugs and vices
6. Competencies	1. Observation	1. Observation 2. Asking and answering question		1. Communication capacity 2. Thinking capacity 3. Problem solving capacity 4. Capacity for applying life skills

				5. Capacity for Technological application
7. Reading, Analytical thinking, writing	Solving word problems	Worksheet / Exercise		

### Measurement and Evaluation 2/2014

Total marks 100 marks (Assessment 60: Midterm test/ Final test 40 marks)

Measurement and Evaluation	Evaluation Method	Assessment Tool	Marks	Learning Outcome
1. Pre-Midterm	1. Quiz 2. Vocabulary quiz 3. Course book 4. Participation	1. Mark/score 2. Dictation 3. Checking Exercises 4. Observation sheet	25	No.10-13
2. Midterm	Examination	Test paper	20	No.10-13
3. Post-Midterm	1. Quiz 2. Vocabulary quiz 3. Course book 4. Participation	1. Mark/score 2. Dictation 3. Checking Exercises 4. Observation sheet	25	No.14-17
4. Final	Examination	Test paper	20	No.14-17
5. Desirable Characteristics	1.Observation	1. Observation	10	1. Love of nation, religion and king 2. Honesty and integrity 3. Self-discipline 4. Avidity for learning 5. Observance of principles of sufficiency economy philosophy in one's way of life 6. Dedication and commitment to work 7. Cherishing Thai-ness

				8. Public-mindedness 9. positive attitude towards Mathematics 10. Awareness of drugs and vices
6. Competencies	1. Observation	1. Observation 2. Asking and answering question	-	1. Communication capacity 2. Thinking capacity 3. Problem solving capacity 4. Capacity for applying life skills 5. Capacity for technological application
7. Reading, Analytical thinking, writing	1. Solving word problems	1. Worksheet / Exercise		-

### คุณลักษณะอันพึงประสงค์ 10 ข้อ

1. รักษาดี ศาสน์ กษัตริย์
2. ซื่อสัตย์สุจริต
3. มีวินัย
4. ใฝ่เรียนรู้
5. อยู่อย่างพอเพียง
6. มุ่งมั่นในการทำงาน
7. รักความเป็นไทย
8. มีจิตสาธารณะ
9. ปลอดภัยเสพติดและอบายมุข
10. มีความเป็นผู้นำและกล้าแสดงออก

### สมรรถนะ 5 ข้อ

1. ความสามารถในการสื่อสาร
2. ความสามารถในการคิด
3. ความสามารถในการแก้ปัญหา
4. ความสามารถในการใช้ทักษะชีวิต
5. ความสามารถในการใช้เทคโนโลยี