



## Course Description

Subject: General Mathematics 1

Subject Code: MA11202

2 Periods /Week

2.0 Credits

Class: Primary 1A-B

Semester 1-2/2014

Instructors: Mr. Enrico / Ms. Nittaya

Unit	Learning Outcome
1. Numbers 0 to 10 1.1 Reading and writing numbers (ASEAN) 1.2 Comparing numbers	1. Students can read and write numbers up to 10 as words and numbers. 2. Students can compare the relative value of numbers up to 10.
2. Addition within 9 2.1 Adding using number bonds 2.2 Writing addition sentences	3. Students can add cardinal numbers not exceeding 9, and 0. 4. Students can write addition sentences.
3. Subtraction within 9 3.1 Subtracting by crossing out 3.2 Writing subtraction sentences	5. Students can subtract cardinal numbers not exceeding 9, and 0. 6. Students can write subtraction sentences.
4. Numbers up to 20 1.1 Reading and writing numbers 1.2 Comparing numbers	7. Students can read and write numbers up to 20 as words and numbers. 8. Students can compare the relative value of numbers up to 20.
5. Addition and subtraction within 20 5.1 Addition and Subtraction word problems	9. Students can analysis and solve word problems of cardinal numbers not exceeding 20, and 0.
6. Length 6.3 Comparing length (Botany)	10. Students can compare different length of objects.

Semester 2/2014

Unit	Learning Outcome
7. Mass 7.1 Comparing mass (Local)	11. Students can compare different mass of objects.
8. Volume 8.1 Comparing volume	12. Students can compare different volume of objects.
9. Numbers up to 100 9.1 Reading and writing numbers 9.2 Comparing numbers by using the signs, =, ≠, >, < 9.3 Counting in steps	13. Students can read and write the numbers 21 – 100 as both numbers and words. 14. Students can compare numbers up to 100 by using the signs, =, ≠, > and < 15. Students can tell the numbers and relations in patterns of numbers
10. Addition and subtraction within 100 10.1 Addition and subtraction word problems	16. Students can analysis and solve word problems of cardinal numbers not exceeding 100, and 0.
11. Combined Operations 11.1 Word problems	17. Students can solve mixed problems with one and two digit numbers, using both addition and subtraction.
12. Time 12.1 Reading and writing the time (o'clock and half past)	18. Students can tell the time in hours and minutes.
13. Two-Dimensional (2-D Shapes) 13.1 Describing 2-D shapes 13.2 Patterns	19. Students can describe 2-D shapes. 20. Students can identify the forms and relations in patterns in which forms are related in one of the following respects: shape, size or color.

## Measurement and Evaluation 1/2014

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

Measurement and Evaluation	Evaluation Method	Assessment tools	Marks	Learning Outcomes
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.7-10
4. Final	Examination	Test paper	20	No.7-10
5. Desirable Characteristics	Observation	1. Observation	10	<ul style="list-style-type: none"> <li>1. Love of nation, religion and king</li> <li>2. Honesty and integrity</li> <li>3. Self-discipline</li> <li>4. Avidity for learning</li> <li>5. Observance of principles of sufficiency economy philosophy in one's way of life</li> </ul>
				<ul style="list-style-type: none"> <li>6. Dedication and commitment to work</li> <li>7. Cherishing Thai-ness</li> <li>8. Public-mindedness</li> <li>9. positive attitude</li> </ul>

				towards Mathematics 10. Awareness of drugs and vices
6. Competencies	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 marks: Midterm test/Final test 40 marks)

Measurement and Evaluation	Evaluation Method	Assessment tools	Marks	Learning Outcomes
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	11-15
2. Midterm	Examination	Test paper	20	11-15

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	16-20
4. Final	Examination	Test paper	20	16-20
5. Desirable Characteristics	1. Observation	1. Observation	10	Desirable Characteristics No.1-10
6. Competencies	Observation	1. Observation 2. Asking and answering question	-	Competencies No.1-5
7. Reading, Analytical thinking, writing	Solving word problems	Worksheet / Exercise	-	

### คุณลักษณะอันพึงประสงค์ 10 ข้อ

1. รักชาติ 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