



## Course Description

Subject: Supplementary Mathematics 1

Code: MA11201

Periods: 2 period/ week

Credit: 2.0

Class: Primary 1

Semester: 1 / 2014

Instructor: Mr.Roweno , Ms.Muttareeya

| Unit  | Indicators  |
|---|---|
| <p><b>1. Numbers up to 100 (1)</b></p> <p>1.1 Counting up to 20 (ASEAN)</p> <p>1.2 Read and write numbers in numerals and in words ( 0-20, 30, 40, ..., 100)</p> <p>1.3 Place vale (Ones and Tens)</p> <p>1.4 Comparing and ordering numbers</p> <p>1.5 Ordinal numbers</p> | <p>Students are able to count, write and read numbers up to 100 in numerals and in words. Identify and use ordinal numbers and compare numbers up to 100.</p> <p>Identify the place values of tens and ones. Identify and comprehend odd and even numbers then complete number patterns. Arrange the numbers in ascending and descending order. Identify the ordinal numbers (1 – 12)</p> |
| <p><b>2. Addition</b></p> <p>2.1 Meaning of addition</p> <p>2.2 Addition of 2 digit and 1 digit number</p> <p>2.3 Addition of 2 digit numbers</p> <p>2.4 Addition with carrying</p> <p>2.5 Word problems (Local Curriculum)</p>   | <p>Students are able to describe the concept of addition. Write the symbol, mathematical statements and number word sentences on addition. Addition of 2-digit and 1-digit numbers. Addition of 2-digit numbers with and without carrying. Compute 1-step word problems on addition and build addition problems.</p>  |
| <p><b>3. Subtraction</b></p> <p>3.1 Meaning of subtraction</p> <p>3.2 Subtraction of 1 digit from 2 digit numbers</p> <p>3.3 Subtraction of 2 digit numbers</p> <p>3.4 Subtraction with regrouping</p> <p>3.5 Word problems</p>   | <p>Students are able to describe the concept of subtraction. Organize the symbol, mathematical statements and number word sentences on subtraction. Subtraction of 1-digit from 2-digit numbers and subtraction of 2-digit number with and without regrouping. Compute 1-step word problems on subtraction and build subtraction problems.</p>  |
| <p><b>4. Length</b></p> <p>4.1 Words related to length</p> <p>4.2 Non-standard units</p> <p>4.3 Comparing and measuring lengths (Herbal)</p>  | <p>Students are able to compare the lengths of two or more objects. Measure the lengths of objects in non-standard units. Arrange objects in ascending and descending orders of length.</p>   |
| <p><b>5. Mass</b></p> <p>5.1 Words related to mass</p> <p>5.2 Comparing and measuring masses</p>  | <p>Students are able to compare the masses of two or more objects.</p> <p>Measure the masses of objects in non-standard units. Arrange objects in ascending and descending orders of mass.</p>  |
| <p><b>6. Capacity</b></p> <p>6.1 Words related to capacity</p> <p>6.2 Comparing and measuring capacity</p>  | <p>Students are able to compare the capacity of two or more objects. Measure the capacity of objects in non-standard units. Arrange objects in ascending and descending orders of capacity.</p>   |

## Measurement and Evaluation

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

| Measurement and Evaluation | Evaluation Method  | Assessment tool   | Marks | Indicators |
|----------------------------|--|---|-------|------------|
| 1. Pre-midterm             | <p>Read, understand and write the correct answers to the questions prepared by the teacher</p> <ul style="list-style-type: none"> <li>- Read and write numbers in numerals and in words (0-20, 30, 40, 50, ..., 100)</li> <li>- Compare and arrange the numbers in ascending and descending order</li> <li>- Arrange the ordinal numbers</li> <li>- Calculate addition and subtraction of 2-digit numbers</li> </ul> | <ul style="list-style-type: none"> <li>- Worksheets (Numbers), Quiz time</li> <li>- Worksheets (Ordinal numbers)</li> <li>- Worksheet (Addition and subtraction)</li> </ul>             | 25    | Unit 1-3   |
| 2. Midterm test            | <ul style="list-style-type: none"> <li>- Read, understand, and write the correct answers to the questions prepared by the teacher.</li> </ul>  | Test paper/Examination  | 20    | Unit 1-3   |
| 3. Post-midterm            | <p>Read, understand and write the correct answers to the questions prepared by the teacher</p> <ul style="list-style-type: none"> <li>- Comparing and measuring lengths and use the non-standard unit.</li> <li>- Comparing and measuring masses</li> <li>- Comparing and measuring capacity</li> <li>- Write the correct answers when the teacher tell the vocabulary</li> </ul>                                    | <ul style="list-style-type: none"> <li>- Worksheet (Length), Quiz time</li> <li>- Worksheet (mass), Quiz time</li> <li>- Worksheet (capacity), Quiz time</li> <li>- Quiztime</li> </ul> | 25    | Unit 4-6   |
| 4. Final test              | <ul style="list-style-type: none"> <li>- Read, understand, and write the correct answers prepared by the teacher</li> </ul>  | Test paper/Examination  | 20    | Unit 4-6   |

| Measurement and Evaluation        | Evaluation Method  | Assessment tool  | Marks | Indicators |
|-----------------------------------|--|--|-------|------------|
| 5. Desirable Characteristics      | Behavior   | Behavior Rubric  | 10    | -          |
| 6. Competencies                   | Class interaction<br>Recitation<br>Answer mathematical sentence using the four fundamental operations in Math. | Speaking Rubric  | -     | -          |
| 7. Analytical reading and writing | Answering word problems.   | A student should understand and answer 80% of the word problems. | -     | -          |

คุณลักษณะอันพึงประสงค์ 10 ข้อ

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

สมรรถนะ 5 ข้อ

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