



Course Description

Subject: General Mathematics 3

Code: MA 13202

2 Periods/Week

2.0 Credits

Class: Primary 3A-B

Semester 1-2 / 2014

Instructor: Mr. Ariel, Ms. Chanpen

Unit	Learning Outcomes
1. Numbers up to 100,000 1.1 Reading and writing up to 100,000 (ASEAN) 1.2 Comparing and ordering number 1.3 Number patterns	1. Read and write numbers (up to 5 digits) in both numerical and written form, write in expanded form, recognize the meaning of place value and arrange in the correct ascending or descending order. 2. Understand the relative place values within four, five, and six digit numbers.
2. Addition and subtraction within 100,000 2.1 Addition 2.2 Subtraction 2.3 Using addition and subtraction to solve word problems (local)	3. Read and write numbers (up to 5 digits) in both numerical and written form, write in expanded form, recognize the meaning of place value and arrange in the correct ascending or descending order.
3. Combined Operation 3.1 Result of combined operation 3.2 Using combined operation to solve word problem	4. Find the result to combined operation problems. 5. Solve word problems by using combined operations.
4. Decimal 4.1 Addition and subtraction of decimal 4.2 Change decimal into fraction	6. Understand the relative value of each digit simple decimal numbers and place simple. 7. Understand the relative value of each digit in simple decimal numbers and place simple

Unit	Learning Outcomes
	8. Identify decimal numbers in the correct ascending / descending order
5.Fraction 5.1 Add and subtract of fraction 5.2 Change fraction into decimal.	9. Add and subtract simple fractions with the same denominator.

Semester 2/2014

Unit	Learning Outcomes
6. Point, Line and Angles 6.1 Point, Line, Line segment 6.2 Rays and Intersecting Points 6.3 Angles	10. Understand and identify the different kinds of angles.
7. Perpendicular lines and Parallel Lines 7.1 Perpendicular Lines 7.2 Parallel Lines	11. Identify the perpendicular and parallel Lines
8. Area and Perimeter 8.1 Perimeter of rectangle and square 8.2 Area of rectangle and square	12. Calculate the area of squares and rectangles in square centimeters and meters.

Measurement and Evaluation

Total 100 Marks (Assessment 60 **Marks** : Mid-term / Final test 40 **Marks**)

Measurement and Evaluation	Evaluation Method	Assessments tools	Marks	Learning Outcomes
1. Pre-midterm	Assignment, Test	RUBIC, Questionnaires	25	Semester 1: 1-4 Semester 2 : 10
2. Midterm	Examination	Test paper	20	Semester 1 : 3-6 Semester 2 : 11
3. Post- Midterm	Assignment, Test	RUBIC, Questionnaires	25	Semester 1 : 6,7, 8 Semester 2 : 10,11
4. Final	Examination	Test paper	20	Semester 1 : 6, 7, 8 ,9 Semester 2 : 10-12
5. Desirable Characteristics	Participation, Behavior	Assessments tool for observation	10	Desirable Characteristics 1-10
6. Competencies		Assessments tool for observation	-	1.Communication capacity 2.Thinking capacity 3.Problem-solving capacity 4.Capacity for apply life skills 5.Capacity for technological application

Measurement and Evaluation	Evaluation Method	Assessments tools	Marks	Learning Outcomes
7. reading/thinking/ writing	Assignment, Observation	Assessments tool for assignment and observation	-	

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