

Course Outline

Department : Bilingual Department

Name of Subject : Mathematics

Code :

Teacher's name : Reginald Lumino

Level ;

Primary _ISP 1__

Secondary ____

1st - 2nd Semester / 2014

Subject :

Main Subject

Optional Subject

Development Activities for Students

Others

1) Course Description

Mathematics for primary 1 is about everyday language that would help the children in learning mathematics. It also includes simple arithmetic like addition, subtraction, comparing numbers with less than and greater than, and combining the two basic operations. The adjectives that define mass, length and volume are included since they are commonly used in mathematical problems.

2) Grade-Level Indicators (The Basic Education Core Curriculum)

3) Learning Objectives (1st Semester)

Indicators of Semester	In accordance with government curriculum
1. Identify and read the symbols used in mathematics.
2. Add and subtract one digit numbers, two digits with one digit and two digit numbers.
3. Describe and compare mass, length and volume.
4. Tell the time of the day and the days of the week.

2) Analyze the course description to be the contents for teaching. (1st Semester)

Contents (Strand)/ Standards	Indicators	Units of learning / Amounts of Periods	Teaching Materials	How to Evaluate		Maximum marks
				Evaluations	Tools	
.....	1. Identify and read the numbers and symbols used in mathematics.	Unit 1. (22 periods) May 14 – June 20 - Counting forward and backward - Ordering and comparing numbers - Using the signs = and \neq ; < and >	1. textbook 2. worksheets 3. games 4. test	1. graded recitation 2. individual works 3. group works 4. class participation and values	1. board work 2. work sheet 3. questionnaire	30
.....	2. Add and subtract one digit numbers, two digits with one digit and two digit numbers.	Unit 2. (16 periods) June 23 – July 18 - meaning of addition - adding numbers - meaning of subtraction - subtracting numbers	1. textbook 2. worksheets 3. games 4. test	1. graded recitation 2. individual works 3. group works 4. class participation and values	1. test questions	20
.....	3. Describe and compare mass, length and	Unit 3. (20 periods) July 28 – August 29 - words related to length	1. textbook 2. worksheets 3. games	1. graded recitation 2. individual works 3. group works	1. board work 2. work sheet 3. questionnaire	

	volume.	<ul style="list-style-type: none"> - comparing and measuring lengths - words related to mass - comparing and measuring masses - words related to volume - comparing and measuring volumes 	4. test	4. class participation and values		
	4. Tell the time of the day and the days of the week.	Unit 4. (16 periods) September 1 – September 26 <ul style="list-style-type: none"> - Times of the week - Days of the week 	1. textbook 2. worksheets 3. games 4. test	1. graded recitation 2. individual works 3. group works 4. class participation and values	1. test questions	

3) Contents of subjects

1st Semester

Time Duration	Subject Contents
	<ul style="list-style-type: none"> - Counting forward and backward - Ordering and comparing numbers - Using the signs = and \neq; < and >

<p>Beginning of the session – Mid-term</p>	<ul style="list-style-type: none"> - meaning of addition - adding numbers - meaning of subtraction - subtracting numbers
<p>Post – Midterm – Final</p>	<ul style="list-style-type: none"> - words related to length - comparing and measuring lengths - words related to mass - comparing and measuring masses - words related to volume - comparing and measuring volumes - Times of the week - Days of the week

4) Evaluation

Average marks for evaluation

Authentic Assessment: Written / Practical Exam = ...60..... : ...40.....

(Depend on each Subject)

Evaluation of Learning Objectives

Semester	Learning Objectives (Items)
1	1, 2, 3, 4

5) Details of Evaluation

1st Semester/2014

Pre-test marks: ___ Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
1	- Board works and seat works	15
	- Class participation and recitations	15

Mid-term marks: ___ Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
2	- Midterm examination	20

Post-Test marks : ___ Marks (Authentic Assessment)

		Maximum

Learning Objectives (Items)	Criteria Followed for Assessment	marks
3	- Board works and seat works	15
	- Class participation and recitations	15

Portfolio : Marks

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks

Final marks : ____ Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
4	1. Final examination	20

2nd Semester/2014

Learning Objectives (2nd Semester)

Indicators of Semester	In accordance with government curriculum
5. Count and sort numbers.
6. Add and subtract bigger numbers.
7. Name and compare shapes and fractions.
8. Measure lengths and heights and compare objects.	

Analyze the course description to be the contents for teaching. (2nd Semester)

Contents (Strand)/ Standards	Indicators	Units of learning / Amounts of Periods	Teaching Materials	How to Evaluate		Maximum marks
				Evaluations	Tools	
.....	Count and sort numbers.	Unit 1 : (20 periods) October 20 – November 21 1. Counting and ordering numbers 2. More and fewer 3. counting on and back 4. Comparing numbers	1. textbook 2. worksheets 3. games 4. test	1. graded recitation 2. individual works 3. group works 4. class participation and values	1. board work 2. work sheet 3. questionnaire	30

.....	Add and subtract bigger numbers.	Unit 2 : (16 periods) November 24 – December 19 1. Add numbers within 100 2. Subtract numbers within 100 3. Money	1. textbook 2. worksheets 3. games 4. test	1. graded recitation 2. individual works 3. group works 4. class participation and values	1. test questions	20
.....	Name and compare shapes and fractions.	Unit 3 : (17 periods) January 2 – January 21 1. Comparing shapes 2. Sorting and matching shapes 3. Naming solid shapes	1. textbook 2. worksheets 3. games 4. test	1. graded recitation 2. individual works 3. group works 4. class participation and values	1. board work 2. work sheet 3. questionnaire	30
	Measure lengths and heights and compare objects.	Unit 4 : (16 periods) February 3 – February 28 1. Measuring and comparing lengths and heights 2. Comparing objects	1. textbook 2. worksheets 3. games 4. test	1. graded recitation 2. individual works 3. group works 4. class participation and values	1. test questions	20

Contents of subjects

2nd Semester

Time Duration	Subject Contents
Beginning of the session – Mid-term	<ul style="list-style-type: none">2. Sets and counting3. Place value4. Addition of two to three digit numbers5. Subtraction of two to three digit numbers
Post – Midterm – Final	<ul style="list-style-type: none">6. Shapes7. fractions8. measuring lengths9. comparing objects

Evaluation

Average marks for evaluation

Authentic Assessment: Written / Practical Exam = ...60..... : ...40.....

(Depend on each Subject)

Evaluation of Learning Objectives

Semester	Learning Objectives (Items)
2	5, 6, 7, 8

Details of Evaluation

Pre-test marks: ____ Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
1	- Class participations and voluntary works	15
	- Individual works on sheets and recitations	15

Mid-term marks : ____ Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
2	- Midterm Examination	20

Post-Test marks : ____ Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
3	- Class participations and voluntary works	15
	- Individual works on sheets and recitations	15

Portfolio : Marks

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
.....	10.

Final marks : ___ Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
4	- Midterm Examination	20