#### Course Outline

Department: BILINGUAL Name of Subject: SCIENCE Code: 311201

Teacher's n	<b>ame:</b> Ms.	RUTH I	K. MAGISAN			
Level;						
	rimary 1/7		Secondary/		1 <sup>st</sup> - 2 <sup>nd</sup> Semester / 2014	
Subject :	☐ Main Subject		☑ Optional Subject	!	☐ Development Activities for Students	Others

#### 1) Course Description

The course follows an activity-based, graded approach for development of concepts. They aim to develop scientific attitude in children by stimulating the thinking process, laying emphasis on applications of principles learnt and their relevance to daily life, and focusing on developing observational and experimental skills.

- 2) Grade-Level Indicators (The Basic Education Core Curriculum)
- 1. Distinguish living and non-living things.
- 2. Name the parts of a plant.
- 3. Identify how some plants and plants parts are used.
- 4. Identify seeds as plant parts from which new plants grow.
- 5. Name common animals.
- 6. Describe how different animals move.
- 7. Identify animals as wild or domestic.
- 8. Point to and name your body parts.
- 9. Explain why you must care for your body.
- 10. Recognize wood, metal, plastic, cloth and other common materials.
- 11. Use different materials to make products.
- 12. Identify common examples of the solid and liquid states of matter.
- 13. Explain that we live on planet Earth.

14. Describe different weather conditions.

# 3) Learning Objectives (1<sup>st</sup> Semester)

	Indicators of Semester			
1.	1. Distinguish living and non-living things.			
2.	Name the parts of a plant.			
3.	Identify how some plants and plants parts are used.			
4.	Identify seeds as plant parts from which new plants grow.			
5.	Name common animals.			
6.	Identify animals as wild or domestic.			
7.	Identify animals as wild or domestic.			

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

Contents		Units of learning / Amounts of	Teaching	How to Ev	valuate	Maximum
(Strand)/	Indicators	Periods	Materials	Evaluations	Tools	marks
Standards		renous				
	1. Distinguish	Unit: 1 The Things Around Us(	1. workbooks	1. do the book	1. worksheets	
	living and non-	6 Periods)	2. songs	activities	2. quiz activity	
	living things.	- Living and Non-living	3. worksheets	2. participate in	from the	
	2. Name the	Things	4. games	class discussions	workbook	
	parts of a plant.	- Living Things	5. tests	3. answer the test	3. practical	
		Unit: 2 Plant and Their Parts (6		promptly and	tests	30
		Periods)		correctly		30
		- Plants		4. submit finished		
		- Plant Parts		projects and home		
		- Leaves		works		

3. Identify how some plants and plants parts are used. 4. Identify seeds as plant parts from which new plants grow.	Unit: 3 The Importance of Plants (6 Periods)  - Using Plants  - Fruit  - Flowers Unit: 4 Seeds (6 Periods)  - Seeds  - The Orange Tree's Story	<ol> <li>workbooks</li> <li>songs</li> <li>worksheets</li> <li>games</li> <li>tests</li> </ol>	1. do the book activities 2. participate in class discussions 3. answer the test promptly and correctly 4. submit finished projects and home works	1. worksheets 2. quiz activity from the workbook 3. practical tests	20
5. Name common animals.	Unit: 5 All Sorts of Animals (6 Periods) - Animals - Classifying Animals	<ol> <li>workbooks</li> <li>songs</li> <li>worksheets</li> <li>games</li> <li>tests</li> </ol>	<ol> <li>do the book activities</li> <li>participate in class discussions</li> <li>answer the test promptly and correctly</li> <li>submit finished projects and home works</li> </ol>	<ol> <li>worksheets</li> <li>quiz activity</li> <li>from the</li> <li>workbook</li> <li>practical</li> <li>tests</li> </ol>	30
6. Identify animals as wild or domestic. 7. Identify animals as wild or domestic.	Unit: 6 Animals Move and Feed (5 Periods)  - How do animals move?  - What Do Animals Eat? Unit: 7 Caring For Animals (5 Periods)	<ol> <li>workbooks</li> <li>songs</li> <li>worksheets</li> <li>games</li> <li>tests</li> </ol>	<ol> <li>do the book activities</li> <li>participate in class discussions</li> <li>answer the test promptly and</li> </ol>	<ol> <li>worksheets</li> <li>quiz activity</li> <li>from the</li> <li>textbook</li> <li>practical</li> <li>tests</li> </ol>	20

- Wild Animals	correctly	
- Domestic Animals	4. submit finished	
- Wild or Domestic?	projects and home	
- Domestic Animals Need	works	
Our Care		

## 5) Contents of subjects

# 1<sup>st</sup> Semester

Time Duration	Subject Contents
Beginning of the session - Mid-term	- Living and Non-living Things
	- Living Things
	- Plants
	- Plants Parts
	- Leaves
	- Using Plants
	- Fruits
	- Flowers
	- Seeds
	- The Orange Tree's Story
Post - Midterm - Final	- Animals
	- Classifying Animals
	- How do animals move?
	- What Do Animals Eat?
	- Wild Animals
	- Domestic Animals
	- Wild or Domestic?

- Domestic Animals Need Our Care	
Donicanc Animais Neca Car Care	

#### 6) Evaluation

Average marks for evaluation

Authentic Assessment: Written / Practical Exam = 60 : 40

**Evaluation of Learning Objectives** 

Semester	Learning Objectives (Items)
1	1, 2, 3, 4, 5, 6, 7

#### 7) Details of Evaluation

## 1<sup>st</sup> Semester/2014

Pre-test marks: 30 Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
10	- Label The Parts of a Plant	10
1,2	- Workbook Exercises pp. 4 -11	20

#### Mid-term marks: 20 Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
3,4	<ul> <li>Circle the things made from plants</li> <li>Label the pictures in the order they occur</li> </ul>	20

Post-Test marks : 30 Marks (Authentic Assessment)

Learning Objectives (Items) Criteria Followed for Assessment		Maximum
		marks
	- Draw lines from each animal to its skin covering	10
5	- Workbook Exercises p. 20 - 23	20

Portfolio : ..... Marks

Learning Objectives (Items)	Criteria Followed for Assessment	
		marks

Final marks : 20 Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
6,7	- Match the animals to the food they might eat.	20
	- Finish the words and arrows to complete the chart.	

## 2<sup>nd</sup> Semester/2014

### 8) Learning Objectives ( 2nd Semester )

, served ( and germanic )	
Indicators of Semester	
8. Point to and name your body parts.	
9. Explain why you must care for your body.	
10. Recognize wood, metal, plastic, cloth and other common materials.	
11. Use different materials to make products.	
12. Identify common examples of the solid and liquid states of matter.	
13. Explain that we live on planet Earth.	
14. Describe different weather conditions.	

# 9) Analyze the course description to be the contents for teaching. ( $2^{nd}$ Semester)

Contents		Unite of learning / Amounts of	Teaching	How to E	valuate	Maximum
(Strand)/	Indicators	Indicators  Units of learning / Amounts of Periods	Materials	Evaluations	Tools	marks
Standards		Fellous				
	8. Point to and	Unit: 8 My Body (6 Periods)	1. workbooks	1. do the book	1. worksheets	
	name your body	- Body Parts	2. songs	activities	2. quiz activity	
	parts.	- People are Different	3. worksheets	2. participate in	from the	
	9. Explain why	- Faces	4. games	class discussions	textbook	
	you must care	Unit : 9 Caring for my Body (6	5. tests	3. answer the test	3. practical	30
	for your body.	Periods)		promptly and	tests	
		- Caring for your Body		correctly		
		- Clean Your Teeth		4. submit finished		
		- Wash Your Hands		projects and home		

				works		
	10. Recognize	Unit: 10 Different Materials (6	1. workbooks	1. do the book	1. worksheets	
,	wood, metal,	Periods)	2. songs	activities	2. quiz activity	
	plastic, cloth	- Materials	3. worksheets	2. participate in	from the	
	and other	- Properties	4. games	class discussions	textbook	
	common	Unit: 11 Using Materials (6	5. tests	3. answer the test	3. practical	
1	materials.	Periods)		promptly and	tests	20
	11. Use different	- Using Materials		correctly		
1	materials to			4. submit finished		
1	make products.			projects and home		
				works		
	12. Identify	Unit: 12 Solids and Liquids (6	1. workbooks	1. do the book	1. worksheets	
	common	Periods)	2. songs	activities	2. quiz activity	
	examples of the	- Solids and Liquids	3. worksheets	2. participate in	from the	
	solid and liquid	- Liquids	4. games	class discussions	textbook	
	states of		5. tests	3. answer the test	3. practical	
1	matter.			promptly and	tests	30
				correctly		
				4. submit finished		
				projects and home		
				works		
	13. Explain that	Unit: 13 The Earth and The Sun	1. workbooks	1. do the book	1. worksheets	
	we live on	(5 Periods	2. songs	activities	2. quiz activity	
	planet Earth.	- Earth	3. worksheets	2. participate in	from the	
	14. Describe	- The Sun	4. games	class discussions	textbook	20
	different	Unit: 14 Weather and the	5. tests	3. answer the test	3. practical	
	weather	Seasons (5 Periods)	J. 10313	promptly and	tests	

condit	itions	Weather	correctly	
	-	Seasons	4. submit finished	
	-	What's the Weather	projects and home	
		Forecast?	works	
	-	Animals and Plants		

## 10) Contents of subjects

# 2<sup>nd</sup> Semester

Time Duration	Subject Contents
Beginning of the session - Mid-term	- Body Parts
	- People are Different
	- Faces
	- Caring for your Body
	- Clean Your Teeth
	- Wash Your Hands
	- Materials
	- Properties
	- Using Materials
Post – Midterm – Final	- Solids and Liquids
	- Liquids
	- Earth
	- The Sun
	- Weather
	- Seasons
	- What's the Weather Forecast?
	- Animals and Plants

### 11) Evaluation

Average marks for evaluation

Authentic Assessment: Written / Practical Exam = 60:40

#### **Evaluation of Learning Objectives**

Semester	Learning Objectives (Items)
2	8, 9, 10, 11, 12, 13, 14

### 12) Details of Evaluation

Pre-test marks: 30 Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
0.0	- Match the things to the body parts	10
8, 9	- Workbook exercises pp. 32 - 39	20

### Mid-term marks: 20 Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
10, 11	- Multiple Choice on Different Materials, Using Materials	20

Post-Test marks : 30 Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum
		marks
42	- Write "S" by the solids. Write "L" by the liquids.	20
12	- Practical exercise	10

Portfolio : ..... Marks

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks

Final marks : 20 Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
13, 14	- Multiple Choice on The Earth and the Sun, Weather and the Seasons	20