

## Course Outline

Department: BILINGUAL Name of Subject: SCIENCE Code : 11201

Teacher's name : Ms. RUTH K. MAGISAN

Level ;

☒ Primary 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. 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. ( 1<sup>st</sup> Semester )

Contents (Strand)/ Standards	Indicators	Units of learning / Amounts of Periods	Teaching Materials	How to Evaluate		Maximum marks
				Evaluations	Tools	
	1. Distinguish living and non-living things. 2. Name the parts of a plant.	Unit : 1 The Things Around Us( 6 Periods) - Living and Non-living Things - Living Things Unit: 2 Plant and Their Parts (6 Periods) - Plants - Plant Parts - Leaves	1. workbooks 2. songs 3. worksheets 4. games 5. tests	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	30

	<p>3. Identify how some plants and plants parts are used.</p> <p>4. Identify seeds as plant parts from which new plants grow.</p>	<p>Unit : 3 The Importance of Plants (6 Periods)</p> <ul style="list-style-type: none"> <li>- Using Plants</li> <li>- Fruit</li> <li>- Flowers</li> </ul> <p>Unit: 4 Seeds (6 Periods)</p> <ul style="list-style-type: none"> <li>- Seeds</li> <li>- The Orange Tree's Story</li> </ul>	<p>1. workbooks</p> <p>2. songs</p> <p>3. worksheets</p> <p>4. games</p> <p>5. tests</p>	<p>1. do the book activities</p> <p>2. participate in class discussions</p> <p>3. answer the test promptly and correctly</p> <p>4. submit finished projects and home works</p>	<p>1. worksheets</p> <p>2. quiz activity from the workbook</p> <p>3. practical tests</p>	20
	<p>5. Name common animals.</p>	<p>Unit : 5 All Sorts of Animals (6 Periods)</p> <ul style="list-style-type: none"> <li>- Animals</li> <li>- Classifying Animals</li> </ul>	<p>1. workbooks</p> <p>2. songs</p> <p>3. worksheets</p> <p>4. games</p> <p>5. tests</p>	<p>1. do the book activities</p> <p>2. participate in class discussions</p> <p>3. answer the test promptly and correctly</p> <p>4. submit finished projects and home works</p>	<p>1. worksheets</p> <p>2. quiz activity from the workbook</p> <p>3. practical tests</p>	30
	<p>6. Identify animals as wild or domestic.</p> <p>7. Identify animals as wild or domestic.</p>	<p>Unit : 6 Animals Move and Feed (5 Periods)</p> <ul style="list-style-type: none"> <li>- How do animals move?</li> <li>- What Do Animals Eat?</li> </ul> <p>Unit : 7 Caring For Animals (5 Periods)</p>	<p>1. workbooks</p> <p>2. songs</p> <p>3. worksheets</p> <p>4. games</p> <p>5. tests</p>	<p>1. do the book activities</p> <p>2. participate in class discussions</p> <p>3. answer the test promptly and</p>	<p>1. worksheets</p> <p>2. quiz activity from the textbook</p> <p>3. practical tests</p>	20

		<ul style="list-style-type: none"> <li>- Wild Animals</li> <li>- Domestic Animals</li> <li>- Wild or Domestic?</li> <li>- Domestic Animals Need Our Care</li> </ul>		correctly 4. submit finished projects and home works		
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## 5) Contents of subjects

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

Time Duration	Subject Contents
<b>Beginning of the session – Mid-term</b>	<ul style="list-style-type: none"> <li>- Living and Non-living Things</li> <li>- Living Things</li> <li>- Plants</li> <li>- Plants Parts</li> <li>- Leaves</li> <li>- Using Plants</li> <li>- Fruits</li> <li>- Flowers</li> <li>- Seeds</li> <li>- The Orange Tree's Story</li> </ul>
<b>Post – Midterm – Final</b>	<ul style="list-style-type: none"> <li>- Animals</li> <li>- Classifying Animals</li> <li>- How do animals move?</li> <li>- What Do Animals Eat?</li> <li>- Wild Animals</li> <li>- Domestic Animals</li> <li>- Wild or Domestic?</li> </ul>

	- Domestic Animals Need Our Care
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## 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
1,2	- Label The Parts of a Plant	10
	- 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 style="list-style-type: none"> <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
5	- Draw lines from each animal to its skin covering	10
	- Workbook Exercises p. 20 - 23	20

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
6,7	<ul style="list-style-type: none"> <li>- Match the animals to the food they might eat.</li> <li>- Finish the words and arrows to complete the chart.</li> </ul>	20

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

8) Learning Objectives ( 2nd Semester )

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<sup>nd</sup> Semester )

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

				works		
	<p>10. Recognize wood, metal, plastic, cloth and other common materials.</p> <p>11. Use different materials to make products.</p>	<p>Unit : 10 Different Materials (6 Periods)</p> <ul style="list-style-type: none"> <li>- Materials</li> <li>- Properties</li> </ul> <p>Unit : 11 Using Materials (6 Periods)</p> <ul style="list-style-type: none"> <li>- Using Materials</li> </ul>	<p>1. workbooks</p> <p>2. songs</p> <p>3. worksheets</p> <p>4. games</p> <p>5. tests</p>	<p>1. do the book activities</p> <p>2. participate in class discussions</p> <p>3. answer the test promptly and correctly</p> <p>4. submit finished projects and home works</p>	<p>1. worksheets</p> <p>2. quiz activity from the textbook</p> <p>3. practical tests</p>	20
	<p>12. Identify common examples of the solid and liquid states of matter.</p>	<p>Unit : 12 Solids and Liquids (6 Periods)</p> <ul style="list-style-type: none"> <li>- Solids and Liquids</li> <li>- Liquids</li> </ul>	<p>1. workbooks</p> <p>2. songs</p> <p>3. worksheets</p> <p>4. games</p> <p>5. tests</p>	<p>1. do the book activities</p> <p>2. participate in class discussions</p> <p>3. answer the test promptly and correctly</p> <p>4. submit finished projects and home works</p>	<p>1. worksheets</p> <p>2. quiz activity from the textbook</p> <p>3. practical tests</p>	30
	<p>13. Explain that we live on planet Earth.</p> <p>14. Describe different weather</p>	<p>Unit : 13 The Earth and The Sun (5 Periods)</p> <ul style="list-style-type: none"> <li>- Earth</li> <li>- The Sun</li> </ul> <p>Unit : 14 Weather and the Seasons (5 Periods)</p>	<p>1. workbooks</p> <p>2. songs</p> <p>3. worksheets</p> <p>4. games</p> <p>5. tests</p>	<p>1. do the book activities</p> <p>2. participate in class discussions</p> <p>3. answer the test promptly and</p>	<p>1. worksheets</p> <p>2. quiz activity from the textbook</p> <p>3. practical tests</p>	20



	conditions.	<ul style="list-style-type: none"> <li>- Weather</li> <li>- Seasons</li> <li>- What's the Weather Forecast?</li> <li>- Animals and Plants</li> </ul>		correctly 4. submit finished projects and home works		
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## 10) Contents of subjects

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

Time Duration	Subject Contents
Beginning of the session – Mid-term	<ul style="list-style-type: none"> <li>- Body Parts</li> <li>- People are Different</li> <li>- Faces</li> <li>- Caring for your Body</li> <li>- Clean Your Teeth</li> <li>- Wash Your Hands</li> <li>- Materials</li> <li>- Properties</li> <li>- Using Materials</li> </ul>
Post – Midterm – Final	<ul style="list-style-type: none"> <li>- Solids and Liquids</li> <li>- Liquids</li> <li>- Earth</li> <li>- The Sun</li> <li>- Weather</li> <li>- Seasons</li> <li>- What's the Weather Forecast?</li> <li>- Animals and Plants</li> </ul>

## 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
8, 9	- Match the things to the body parts	10
	- 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
12	- Write "S" by the solids. Write "L" by the liquids.	20
	- 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