

Course Outline

Department: BILINGUAL Name of Subject: SCIENCE Code : 11201

Teacher's name : Ms. RUTH K. MAGISAN

Level :

Primary 1/1-6

Secondary /

1st - 2nd 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. Identify the sense organs and their functions
2. Show an understanding of the ways to keep our teeth and body clean
3. Classify things as living and non-living things.
4. Enumerate the different food groups.
5. State the composition of soil.
6. Name the celestial objects- the Sun, Earth and Moon
7. Name the four seasons; winter, spring, summer and autumn

3) Learning Objectives (1st Semester)

Indicators of Semester
1. Identify the sense organs and their functions
2. Show an understanding of the ways to keep our teeth and body clean
3. Classify things as living and non-living things.
4. Enumerate the different food groups.

4) 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 the sense organs and their functions	Unit : 1 The Five Senses (10 Periods) - Sense Organs - Functions of Five Senses	1. textbooks 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 textbook 3. practical tests	30
	2. Show an understanding of the ways to keep our teeth and body clean	Unit : 2 Clean and Healthy (10 Periods) - Keeping our Bodies Clean - Keeping our Bodies Healthy - Healthy Food	1. textbooks 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	1. worksheets 2. quiz activity from the textbook 3. practical tests	20

				4. submit finished projects and home works		
	3. Classify things as living and non-living things.	Unit : 3 What Variety of Things! (10 Periods) <ul style="list-style-type: none"> - Living or Non-living - The Characteristics of Living Things - What Do Living Things Need? 	1. textbooks 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 textbook 3. practical tests	30
	4. Enumerate the different food groups.	Unit : 4 Energy From Food (10 Periods) <ul style="list-style-type: none"> - Food for Energy, Growth and Health - Animals Need Food - Plants Need Food 	1. textbooks 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 textbook 3. practical tests	20

5) Contents of subjects

1st Semester

Time Duration	Subject Contents
Beginning of the session – Mid-term	<ul style="list-style-type: none"> - Sense Organs - Functions of Five Senses - Keeping our Bodies Clean - Keeping our Bodies Healthy - Healthy Food
Post – Midterm – Final	<ul style="list-style-type: none"> - Living or Non-living - The Characteristics of Living Things - What Do Living Things Need? - Food for Energy, Growth and Health - Animals Need Food - Plants Need Food

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

7) Details of Evaluation

1st Semester/2014

Pre-test marks: 30 Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
1	- Match the senses to the correct sense organs	10
	- Textbook Exercise pp. 20 -21	20

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

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
2	- Identify the right food that keeps our body healthy	20

Post-Test marks : 30 Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
3	- Match the pictures to the corresponding characteristics of living things	10
	- Textbook Exercise p. 49	20

Portfolio : Marks

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
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Final marks : 20 Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
4	- Test on energy from food	20

2nd Semester/2014

8) Learning Objectives (2nd Semester)

Indicators of Semester
5. State the composition of soil.
6. Name the celestial objects- the Sun, Earth and Moon
7. Name the four seasons; winter, spring, summer and autumn

9) 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	
	5. State the composition of soil.	Unit : 5 Soil (10 Periods) - What is Soil Made up of? - Types of soil	1. textbooks 2. songs 3. worksheets	1. do the book activities 2. participate in	1. worksheets 2. quiz activity from the	30

			<ul style="list-style-type: none"> 4. games 5. tests 	<ul style="list-style-type: none"> class discussions 3. answer the test promptly and correctly 4. submit finished projects and home works 	<ul style="list-style-type: none"> textbook 3. practical tests 	
	<p>6. Name the celestial objects- the Sun, Earth and Moon</p>	<p>Unit : The Sun, Earth and Moon (10 Periods)</p> <ul style="list-style-type: none"> - Day and Night - Moon 	<ul style="list-style-type: none"> 1. textbooks 2. songs 3. worksheets 4. games 5. tests 	<ul style="list-style-type: none"> 1. do the book activities 2. participate in class discussions 3. answer the test promptly and correctly 4. submit finished projects and home works 	<ul style="list-style-type: none"> 1. worksheets 2. quiz activity from the textbook 3. practical tests 	30
	<p>7. Name the four seasons; winter, spring, summer and autumn.</p>	<p>Unit : 7 Seasons (10 Periods)</p> <ul style="list-style-type: none"> - The Sun - The Earth - Seasons 	<ul style="list-style-type: none"> 1. textbooks 2. songs 3. worksheets 4. games 5. tests 	<ul style="list-style-type: none"> 1. do the book activities 2. participate in class discussions 3. answer the test promptly and correctly 4. submit finished projects and home works 	<ul style="list-style-type: none"> 1. worksheets 2. quiz activity from the textbook 3. practical tests 	40

10) Contents of subjects

2nd Semester

Time Duration	Subject Contents
Beginning of the session – Mid-term	<ul style="list-style-type: none"> - What is Soil Made up of? - Types of soil - Day and Night - Moon
Post – Midterm – Final	<ul style="list-style-type: none"> - The Sun - The Earth - Seasons

11) Evaluation

Average marks for evaluation

Authentic Assessment: Written / Practical Exam = 60 : 40

Evaluation of Learning Objectives

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

12) Details of Evaluation

Pre-test marks: 30 Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum
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		marks
5	- Complete the table for the correct description of the types of soil	15
	- Revision exercise from the textbook pp. 79 - 83	15

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

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
6	- Multiple Choice on The Sun, Earth and Moon	20

Post-Test marks : 30 Marks (Authentic Assessment)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
7	- Match the pictures to the right seasons	20
	- Practical exercise	10

Portfolio : Marks

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
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Final marks : 20 Marks (Written/Practical Exam)

Learning Objectives (Items)	Criteria Followed for Assessment	Maximum marks
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5, 6, 7	- Multiple Choice on The Soil; The Sun, Earth and Moon; Seasons	20
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