



Course Description

Subject: Science 1

Code: SC 11101

3 Period/Week

3.0 Credits

Class: Primary 1A-B

Semester 1-2/2014

Instructor: Ms Maria, Ms.Supawadee

Unit	Standard	Indicators
1. The living world 1.1 Living and non-living things 1.2. learn about plants 1.3. learn about animals 1.4. Our Body	Sc.2.1 Sc.2.2	P.1/1 Understanding local environment , relationship between living being and environment and among all living beings in ecological systems P.1/2 Understanding importance of natural resources, utilization of resources at local, national and international spheres ,application of knowledge in sustainable management of natural resources and local environment.
2. Earth Science 2.1 All about soil 2.2 A world of water 2.3 What's up there	Sc.6.1	P.1/1 Understanding chains of natural happening within and Earth surface, chains P.1/2 relationship which cause climatic changes, topography ,and Earth form ,skills in search of knowledge procedures
Semester 2 / 2014		
3. Materials and matter 3.1 Objects and their properties 3.2 States of matter	Sc.3.1 Sc.3.2	P.1/2. Understanding matter , its quality and relationship with structure, skills in searching for knowledge procedures P.1/3 understanding nature and changing situation of matter ,matter solution, chemical reaction
4. Forces are everywhere 4.1 What is a force 4.2 Forces around us	Sc.4.1 Sc.4.2 Sc.8.1	P.1/1 Understanding nature of force ,magnetic force various forms of natural object mobility ,skills in searching for knowledge procedure P.1/2 Application of science consciousness in searching for knowledge ,problem solving, understanding fixed forms of majority of natural phenomena which can be investigated and explained

Measurement and Evaluation 1/2014

Total marks 100 marks (Assessment 60: Midterm test/ Final test 40 marks)

Measurement and Evaluation	Evaluation Method	Assessment Tool	Marks	Indicators
1. Pre – midterm	1. Quiz 2. Dictation 3. Project	1. Quiz’s paper 2. Dictation ‘s book	10 5	Unit 1. The living world 1.1 Living and non-living things
2. Midterm	Examination	Test paper	20	Unit 1.3 Learn about animals 1.4 Our Body
3. Post – midterm	1. Quiz 2. Dictation 3. Project	1. Quiz’s paper 2. Dictation ‘s book	10 5	Unit 2 Earth Science 2.1 All about soil
4. Final	Examination	Test paper	20	Unit 2. Earth Science 2.2 A world of water 2.3 What ‘s up there
5. Desirable Characteristics	Participation, Behavior	Assessment tool for Behavior observation	10	Desirable Characteristics No.1-10
6. Competencies	1.Observation	1.Assessment tool for		Competencies No.1-5
7. Analytical reading and writing	Examination	1.Exercises book	-	

Measurement and Evaluation 2/2014

Total marks 100 marks (Assessment 60: Midterm test/ Final test 40 marks)

Measurement and Evaluation	Evaluation Method	Assessment Tool	Marks	Indicators
1. Pre – midterm	1. Quiz	1. Quiz’s paper	10	Unit 3
	2. Dictation	2. Dictation ‘s book	5	Materials and matter
	3. Project	3. Project	10	3.1 Objects and there properties
2. Midterm	Examination	Test paper	20	Unit 3.2 States of matter
3. Post – midterm	1. Quiz	1. Quiz’s paper	10	Unit 4 Forces are everywhere
	2. Dictation	2. Dictation ‘s book	5	
4. Final	Examination	Test paper	20	Unit 4.2 Forces around us
	Behavior			Characteristic No.1-10
	Effort			
6. Competencies				Competencies No.1-5
7. Analytical reading and writing	Examination	.Exercises book	-	

คุณลักษณะอันพึงประสงค์ 10 ข้อ

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| 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

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| 1. ความสามารถในการสื่อสาร | 2. ความสามารถในการคิด |
| 3. ความสามารถในการแก้ปัญหา | 4. ความสามารถในการใช้ทักษะชีวิต |
| 5. ความสามารถในการใช้เทคโนโลยี | |