4

**Content Schedule and Assessment Scoring**

|  |  |  |  |
| --- | --- | --- | --- |
| **Content** | **Assessment** | **Total** | **Scores** |
| **1st Half** | **Before Mid-semester** |  | **30%** | **…. %** |
| November to December | Chemical ReactionsMaterials | Unit Test  | 5% | …. % |
| Average Classwork | 5% | …. % |
| Mid-semester Examination50 items (multiple choices) | 20% | …. % |
| **2nd Half** | **After Mid-semester** |  | **40 %** | **…. %** |
| January to March | Electricity Ecology | Unit Test | 10% | …. % |
| Average Classwork | 10% | …. % |
| Project | 10% | …. % |
| Participation and Conduct | 10% | …. % |
|  |  | **Final Examination**1. 50 items (multiple choices)2. 2 subjective questions | **30%** | **…. %** |
| **Total** | **100%** | **…. %** |

**\*1st half (30%) + 2nd Half (40%) + Final Exam (30%) = Total (100%)**

**Grading**

1. “IE” means the student is ineligible to take the test if subject attendance

 is less than 80%

2. “I” means the student waits to be awarded grades due to 2 cases:

* 2.1 The student lacks more than 50% of assigned tasks
* 2.2 The student is absent from the final examination
* Both cases need to be allowed by the school administrator

3. Grades are given according to 8 levels

|  |  |  |
| --- | --- | --- |
| **Grade** | **Significance** | **Score Range** |
| **4** | Excellent | 80-100 |
| **3.5** | Very good | 75-79 |
| **3** | Good | 70-74 |
| **2.5** | Fairly good | 65-69 |
| **2** | Satisfactory | 60-64 |
| **1.5** | Rather Satisfactory | 55-59 |
| **1** | Passed | 50-54 |
| **0** | Poor/Failed | 0-49 |



**SCIENCE & TECHNOLOGY 6**

**-SC23102-**

**Semester 2 Academic Year 2022**

**Learning hours/week: 3 Number of Credits: 1.5**

|  |
| --- |
| **By: Mr. Alon T. Mayormita** **CLASS AGREEMENT**1. The students should always have their Science textbook, notebook, and other important materials with them during regular classes.2. The students should finish and submit their classwork, homework, and project on time. Late submission is strictly deduction of score.3. The students should completely bring the required laboratory/field investigation materials during laboratory/field investigation activity.4. The students are recommended to bring their books at home and read or study it in advance particularly, understanding new vocabulary words.5. The students should participate during group work and pay attention during class lectures. THANK YOU… |
| Name: | Mr./Ms. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Surname: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Class: | EP 3/\_\_\_ | (M.3/\_\_\_\_\_) | Number \_\_\_ | Group \_\_\_\_\_\_\_\_\_\_\_ |

2

|  |
| --- |
| **Basic Education Core Curriculum B.E. 2551 (science)**Strand 3: Substances and Properties of SubstancesStandard SC3.2 : Understanding of principles and nature of change in the state of substances; solution formation; reaction; investigative process for seeking knowledge and scientific mind; and communication of acquired knowledge that could be applied for useful purposesM3/1. Experiment and explain changes in properties, mass and energy when substances have chemical reactions as well as explain factors affecting the chemical reactions.M2/2. Experiment, explain and write chemical equations of reactions of various substances, and apply the knowledge gained foruseful purposes.M3/3. Search for data and discuss effects of chemical substances and chemical reactions on living things and the environment.M4/4. Search for data and explain proper and safe application of chemical substances as well as methods of protection from and remedies for harm from use of chemical substances.M3/5. Experiment and explain the origin of polymers and their properties.M3/6.Discuss utilization of polymers for useful purposes as well as effects from production and utilization of polymers on living thingsand the environment.Strand 5: EnergyStandard Sc5.1: Understanding of relationship between energy and life; energy transformation; interrelationship between substances and energy; effects of energy utilization on life and the environment; investigative process for seeking knowledge; and communication of acquired knowledge that could be applied for useful purposesM3/2. Experiment and explain relationship between potential difference, electrical current and resistance, and apply the knowledge gained for useful purposes.Strand 2: Life and the EnvironmentStandard SC2.1: Understanding of local environment; relationship between the environment and living things; relationship between living things in the eco-system; investigative process for seeking knowledge and scientific mind; and communicating acquired knowledge that could be applied for useful purposesM3/1. Explore various eco-systems in the local area and explain relationships of the components within the eco-systems.M3/2. Analyze and explain relationship of energy transmission in living things in term of food chain and food web.M3/4. Explain the factors affecting change in size of population in the eco-system.3 |
| **Additional Information** |
| UNIT TEST:* Unit Test Total Score is 20

AVERAGE CLASSWORK:* It includes;
	+ short oral/writing participation
	+ small projects
	+ homework
	+ vocabulary and spelling
	+ quick lab
	+ question and answer of unit review

PROJECT:* It can be a group or individual project
* Usually takes several days to finish
* It may also include presentation
 |

REMINDERS:

* Please communicate also with your Thai Science Teacher for more clarification and explanation.
* Please do check our website regularly for daily updates in Science.

 http://sciencealon.weebly.com

* Please keep this paper copy with you.

*“To myself I am only a child playing on the beach, while vast oceans of truth lie undiscovered before me.”*

-Isaac Newton