4

**Content Schedule and Assessment Scoring**

|  |  |  |  |
| --- | --- | --- | --- |
| **Content** | **Assessment** | **Total** | **Scores** |
| **1st Half** | **Before Mid-semester** |  | **30%** | **…. %** |
| October to December | State of MatterHeat | Unit Test  | 5% | …. % |
| Average Classwork | 5% | …. % |
| Mid-semester Examination50 items (multiple choices) | 20% | …. % |
| **2nd Half** | **After Mid-semester** |  | **40 %** | **…. %** |
| January to March | AtmosphereWeather | 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 2**

**-SC21103-**

**Semester 2 Academic Year 2022**

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

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| **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 1/\_\_\_ | (M.1/\_\_\_\_\_) | Number \_\_\_ | Group \_\_\_\_\_\_\_\_\_\_\_ |

2

|  |
| --- |
| **Basic Education Core Curriculum B.E. 2551 (science)****Topic:** State of Matter & Heat**Strand 3:** Substances and Properties of Substances **Standard 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 purposesM1/2. Experiment and explain change of properties, mass and energy of substances when they change stateand dissolve.M1/3. Experiment and explain factors affecting changes in the state and dissolution of substances.M1/4. Experiment and explain the effects of heat on matter**Topic:** Atmosphere & Weather **Strand 6:** Change Processes of the Earth**Standard SC6.1:** Understanding of various processes on the Earth’s surface and inside the Earth; relationship between various processes causing changes in climate, topography and form of the Earth; investigative process for seeking knowledge and scientific mind; and communication of acquired knowledge that could be applied for useful purposes**Indicators:** M1/1. Search for relevant information and explain components and division of atmospheric layers covering the Earth’s surface.M1/2. Experiment and explain relationship between temperature, humidity and air pressure and climate-affecting phenomena.M1/3. Observe, analyse and discuss formation of climate phenomena affecting human beings.M1/4. Search for relevant information, analyse and interpret meanings of data from weather forecasts. M1/5. Search for, analyse and explain effects of climate on the lives of living things and the environment.M1/6. Search for relevant information, analyse and explain natural factors and man-mode actions affecting changes of the Earth’s temperature, ozone holes and acid rain.M1/7. Search for relevant information, analyse and explain effects of global warming, ozone holes and acid rain on living things and the environment.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 do 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