



# Long Term Teaching Plan

Subject: **Science 6**    Subject Code: **SC23104**

Mathayomsuksa: **3/6**    Semester: **2/2021**

**Teacher: Mr. Paulo Natal Silvestre**

Mini English Program

Foreign Language Department

Science and Technology Department

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(Ms.Kunthida Roekurai)

Head of SKP Mini English Program

.....

(Ms. Natthisa Toomking)

Head of foreign language Department

.....

(Ms.Wanwimom Banlue)

Head of Science and Technology Department

.....

(Mrs. Juthamas Dolsa-ard)

Deputy Director of Academic Affairs

# Nawamintrachinuthit Suankularb Wittayalai Pathumthani School

Phuet Udom Sub district, Lam Luk Ka District, Pathum Thani Province 12150

The Secondary Educational Service Area Office Pathum Thani

## Long Term Teaching Plan

Subject: **Science 6**

Subject Code: **SC23104**

Mathayomsuksa: **3/6**

Semester: **2** Academic Year: **2021**

Week	D/M/Y	Course Content	Learning Channel	Teaching Evaluation	Score
1	1 – 5 Nov. 2021	Orientation - learning unit - indicators - learning evaluation	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand <a href="https://www.youtube.com/watch?v=eNsVaUCzvLA">https://www.youtube.com/watch?v=eNsVaUCzvLA</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	0
2	8 – 12 Nov. 2021	Chapter 4 Chemical Reactions Sub-Topics: 4.1. Chemical Equations	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand <a href="https://www.youtube.com/watch?v=eNsVaUCzvLA">https://www.youtube.com/watch?v=eNsVaUCzvLA</a> <a href="https://www.youtube.com/watch?v=e_C-V5vJv80">https://www.youtube.com/watch?v=e_C-V5vJv80</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	3
3	15 – 19 Nov. 2021	4.2. Energy Changes in Chemical Reactions 4.3. Chemical	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> </ul>	4

		Reactions in Daily Life	<input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=JRIm_a2LDPM">https://www.youtube.com/watch?v=JRIm_a2LDPM</a> <a href="https://www.youtube.com/watch?v=eAZ_fn2Tsmw">https://www.youtube.com/watch?v=eAZ_fn2Tsmw</a>	<ul style="list-style-type: none"> <li>▪ s</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	
4	22 – 26 Nov. 2021	Chapter 3 Materials Sub-Topics: 3.1. Polymers	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=rHxxLYzJ8Sw">https://www.youtube.com/watch?v=rHxxLYzJ8Sw</a> <a href="https://www.youtube.com/watch?v=EP0zfm_FVgc">https://www.youtube.com/watch?v=EP0zfm_FVgc</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignment s</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	4
5	29 – 3 Nov.- Dec. 2021	3.2. Ceramics 3.3. Composite Materials	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=OVtjG6DawxE">https://www.youtube.com/watch?v=OVtjG6DawxE</a> <a href="https://www.youtube.com/watch?v=n3bWw8A2xwI">https://www.youtube.com/watch?v=n3bWw8A2xwI</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignment s</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	3
6	7 – 9 Dec. 2021	Chapter 5 Electricity Sub-Topics: 5.1. Electricity 5.2. Measuring Electricity	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=ru032Mfsfig">https://www.youtube.com/watch?v=ru032Mfsfig</a> <a href="https://www.youtube.com/watch?v=SMPPh8gT_1E">https://www.youtube.com/watch?v=SMPPh8gT_1E</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignment s</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	3

7	13 – 17 Dec. 2021	5.3. Current, Voltage and Resistance 5.4. Parallel and Series Circuits	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=mvuHsu8S6v8">https://www.youtube.com/watch?v=mvuHsu8S6v8</a>  <a href="https://www.youtube.com/watch?v=7mdc-lRrW1c">https://www.youtube.com/watch?v=7mdc-lRrW1c</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	3
8	20 – 24 Dec. 2021	5.5. Current, Voltage and Resistance in a Series Circuit 5.6. Current, Voltage and Resistance in a Parallel Circuit	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=mvuHsu8S6v8">https://www.youtube.com/watch?v=mvuHsu8S6v8</a>  <a href="https://www.youtube.com/watch?v=7mdc-lRrW1c">https://www.youtube.com/watch?v=7mdc-lRrW1c</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	3
9	27 – 30 Dec. 2021	5.7. Electronic Circuits 5.8. Cost of Electrical Energy 5.9. Importance of Safety Precautions in the Use of Electricity	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=uXr4lXyJXuU">https://www.youtube.com/watch?v=uXr4lXyJXuU</a>  <a href="https://www.youtube.com/watch?v=oCiAN7vwrnl">https://www.youtube.com/watch?v=oCiAN7vwrnl</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	3
10	4 – 7 Jan. 2022	Midterm Exam	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite	<ul style="list-style-type: none"> <li>▪ Written Exam</li> </ul>	20

			<input type="checkbox"/> onhand <input type="checkbox"/> ondemand		
11	10 – 14 Jan. 2022	Chapter 1 Interdependence among Living Things and the Environment Sub-Topics: 1.1. Interdependence among Organisms	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand <a href="https://www.youtube.com/watch?v=4Qp_Um1bWsc">https://www.youtube.com/watch?v=4Qp_Um1bWsc</a> <a href="https://www.youtube.com/watch?v=4n03ImI5_T8">https://www.youtube.com/watch?v=4n03ImI5_T8</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	4
12	17 – 21 Jan. 2022	Chapter 1 Interdependence among Living Things and the Environment Sub-Topics: 1.1. Interdependence among Organisms	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand <a href="https://www.youtube.com/watch?v=4Qp_Um1bWsc">https://www.youtube.com/watch?v=4Qp_Um1bWsc</a> <a href="https://www.youtube.com/watch?v=4n03ImI5_T8">https://www.youtube.com/watch?v=4n03ImI5_T8</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	4
13	24 – 28 Jan. 2022	1.2. Interactions between Organisms	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand <a href="https://www.youtube.com/watch?v=dKGNsye4HV8">https://www.youtube.com/watch?v=dKGNsye4HV8</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	4

14	31 – 4 Jan. - Feb 2022	1.2. Interactions between Organisms	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=dKGNsye4HV8">https://www.youtube.com/watch?v=dKGNsye4HV8</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	4
15	7 - 11 Feb 2022	1.2. Interactions between Organisms	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=dKGNsye4HV8">https://www.youtube.com/watch?v=dKGNsye4HV8</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	4
16	14 - 18 Feb 2022	1.3. Food Webs	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand  <a href="https://www.youtube.com/watch?v=2lqhJNgn_Wg">https://www.youtube.com/watch?v=2lqhJNgn_Wg</a>	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	4
17	21 - 22 Feb	Long Test	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded</li> </ul>	4

	2022		<input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand	Assignment s <ul style="list-style-type: none"> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> </ul>	
18	28 Feb – 4 March 2022	Long Test	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input checked="" type="checkbox"/> ondemand	<ul style="list-style-type: none"> <li>▪ Workbook Activities</li> <li>▪ Graded Assignments</li> <li>▪ Map it Out</li> <li>▪ Enrichment Exercises</li> <li>▪ Subjective Questions</li> <li>▪</li> </ul>	6
19	8-12 March 2022	Final Exam  End of Semester	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input type="checkbox"/> ondemand	<ul style="list-style-type: none"> <li>▪ Written Exam</li> </ul>	20
20	15-19 March 2022	Evaluation of Grades	<input checked="" type="checkbox"/> online (Google meet Skp online) <input type="checkbox"/> onair <input checked="" type="checkbox"/> onsite <input type="checkbox"/> onhand <input type="checkbox"/> ondemand	<ul style="list-style-type: none"> <li>▪ Written Exam</li> </ul>	
Total					100