



LONG TERM LESSON PLAN

Subject Science 1 Subject code Sci23103

Class M3/6 Semester 1 Academic year 2021

Studying time 3 hours/week

Total 60 hours 1.5 Credits

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Foreign Language Department

Nawaminthrachinuthit Suankularb Wittayalai Pathumthani

Lamlukka district Pathum Thani province

The Secondary Educational Service Area Office Pathum Thani

Long term lesson plan subject SCIENCE 1 (SCI23103)

Class M.3/6 Semester 1 Academic year 2021

Week	Date/ Month/ Year	Content	Learning prospect				Evaluation or Assessment or Appraisal	Method to submit exercise/worksheet/w orkpiece	Score	Due date (If workpiece)
			Online	On-air	On demand	On hand				
1	1 – 4 June 21	Science and Problem Solving	Google meet Skp online	-	PPT provided by the teacher	-	Oral and Written Assessment	Student are graded during the class	5	June 7, 2021
2	7 – 11 June 21	Structures involved in heredity	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	June 14, 2021
3	14 – 18 June 21	The unit that defines the genetic trait	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	June 21, 2021
4	21 – 25 June 21	Calculate the match of alleles.	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	June 28, 2021
Week	Date/ Month/ Year	Content	Learning prospect				Evaluation or Assessment or Appraisal	Method to submit exercise/worksheet/w orkpiece	Score	Due date (If workpiece)
			Online	On-air	On demand	On hand				
5	28 June– 2 July 21	Genotypic and phenotypic ratios The differentiation of cell division of living organisms	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	July 5, 2021

6	5 – 9 July 21	Changes resulting in a genetic disease	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	July 12, 2021
7	12 – 16 July 21	Chances of a genetic disease	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	July 19, 2021
8	19 – 23 July 21	Waves	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	July 26, 2021
9	26 - 30 July 21	Free period for students to follow up assignments								
10	2 – 6 August 21	Reflection of Light	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	August 9, 2021
11	9 – 13 August 21	Reflection from curved surface reflectors	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	August 16, 2021
12	16 – 20 August 21	Relationship between angle of reflection and angle of incidence	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	5	August 23, 2021
13	23 – 27 August 21	Light distribution Parallel refraction as it passes	Google meet		PPT provided		Activity on Text book	Activities will be checked by the	5	August 30, 2021

		through the lens	Skp online		by the teacher		Activity on Workbook	students as part of review		
14	30 August – 3 Septemb er 21	Convex Lens Brightness	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	6	September 6, 2021

Week	Date/ Month/ Year	Content	Learning prospect				Evaluation or Assessment or Appraisal	Method to submit exercise/worksheet/w orkpiece	Score	Due date (If workpiece)
			Online	On-air	On demand	On hand				
15	6 – 10 September 21	Gravity and Moon Phases	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	6	September 13, 2021
16	13 – 17 September 21	Tides, Space technology and Satellites	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	6	September 20, 2021
17	20 – 24 September 21	Seasons and the movements of the Sun	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	6	September 27, 2021
18	27- 28 September 21	Advances in the space exploration programs	Google meet Skp online		PPT provided by the teacher		Activity on Text book Activity on Workbook	Activities will be checked by the students as part of review	6	September 29, 201

19	29 September – 1 October 21	Final Examination		
20	4 – 6 1 October 21	Final Examination	10	
Total score			100	