Lesson Plans and Learning Assessment

Subject Enhance Mathematical Skills 4 **Code** ค22207 **Teacher Ms. Jessa Agregorio** **Foreign Language Department**

Matthayomsuksa 2/6 **2st Semester / Academic Year of 2024** **Studying Time in Total 60 hours** **1.5 Credits**

Week	Date	Time (Hours)	Learning Units	Learning Standards / Learning Outcomes	Learning Procedures	Learning Materials/Tools	Assignments/ Homework	Assessment tools
1	31 – 1 November 2024	1	Factorization of Quadratic Polynomials by Using Identities of Quadratic Polynomials	1. Differentiate congruent condition 2. Apply each condition in examples.	1. Present learning objectives 2. Brainstorm the students' on how to solve different problems 3. Assign students in groups to answer the worksheets.	- Mastering Mathematics (Work-Textbook) Secondary Learning Chapter	Exercises Group Work Board Work	- Quizzes - Performance Test
2	4 – 8 November 2024	1	Factorization of Quadratic Polynomials by Using Identities of Quadratic Polynomials	1. Differentiate congruent condition 2. Apply each condition in examples.	1. Present learning objectives 2. Assign students in groups to answer the worksheets.	- Mastering Mathematics (Work-Textbook) Secondary Learning Chapter	Exercises Group Work Board Work	- Quizzes - Performance Test
3	11 – 15 November 2024	1	Volume and Surface Area of Composite Solids	1. Use methods in solving word problems 2. Demonstrate composite figures vs solid figures	1. Present learning objectives 2. Assign students in groups to answer the	- Mastering Mathematics (Work-Textbook) Secondary Learning	Exercises Group Work Board Work	- Quizzes - Performance Test - Observed

			worksheets.		Chapter - Activity Sheet			Distributed Attribute
4	18 – 22 November 2024	1	Volume and Surface Area of Composite Solids	1. Use methods in solving word problems 2. Demonstrate composite figures vs solid figures	1. Present learning objectives 2. Brainstorm the students' on how to solve different problems 3. Assign students in groups to answer the worksheets.	- Mastering Mathematics (Work-Textbook) Secondary Learning Chapter - Activity Sheet	Exercise Group work Paired work Individual work	- Quizzes - Problem solving - Performance Test
5	25 – 29 November 2024	1	Histograms	1. Define Histograms of Ungrouped Data 2. Use the table to list down data systematically	1. Present learning objectives 2. Discuss the Ratios of Many Numbers	- Mastering Mathematics (Work-Textbook) Secondary Learning Chapter - Google	Exercise Group work Paired work Individual work	- Quizzes - Problem solving
6	2 – 6 December 2024	1	Histograms		1. Present learning objectives 2. Discuss different kinds of proportions 3. Apply the properties into examples	- Mastering Mathematics (Work-Textbook) Secondary Learning Chapter - Google	Exercise Paired work Individual work	- Quizzes - Problem solving
7	9 – 13 December 2024	1	Selection and Usage of Middle Values .	1. Apply different methods for getting Mean, Median and Mode for each problem.	1. Present learning objectives 2. Discuss methods and use in problems	- Mastering Mathematics (Work-Textbook) Secondary Learning Chapter - Google	Textbook	- Quizzes - Problem solving
8	16 – 20 December 2024	1	Review	Review	Review	- Worksheet - Textbook		- Check Exercise - Quizzes - Problem

							solving
9	Midterm Exam 2/2024 (December 23-27, 2024)						
10	30 – 31 December 2024 1 – 3 January 2025	1	Arithmetic Mean	1. Define Statistical Mean and Arithmetic Mean 2. Use arithmetic to find the value of x.	1. Present learning objectives 2. Visual Presentation 3. Activities 4. Performance Activities	- Worksheet - Textbook	Textbook	- Quizzes - Problem solving - Board Work
12	6 – 10 January 2025	1	Arithmetic Mean	1. Define Statistical Mean and Arithmetic Mean 2. Use arithmetic to find the value of x.	1. Present learning objectives 2. Visual Presentation 3. Activities 4. Performance Activities	- Worksheet - Textbook	Worksheet	- Quizzes - Problem solving
13	13 – 17 January 2025	1	Median	1. Define Median 2. Use median formula to solve the problem 3. Apply stem-and-leaf plot to solve for median	1. Present learning objectives 2. Visual Presentation 3. Activities 4. Performance Activities	- Mastering Mathematics (Work-Textbook) Secondary Learning Chapter - Google	- Textbook	- Quizzes - Problem solving
14	20 – 24 January 2025	1	Median	1. Define Median 2. Use median formula to solve the problem 3. Apply stem-and-leaf plot to solve for median	1. Present learning objectives 2. Visual Presentation 3. Activities 4. Performance Activities	- Mastering Mathematics (Work-Textbook) Secondary 1 A Learning Chapter - Google	- Textbook	- Quizzes - Problem solving
15	27 – 31 January 2025	3	Mode	1. Define mode 2. Solve for mode using the table	1. Present learning objectives 2. Discuss statistical question	- Worksheet - Textbook	Textbook	- Quizzes - Problem solving - Board Work

16	3 – 7 February 2025	6	Mode	1. Define mode 2. Solve for mode using the table	1. Present learning objectives 2. Visual Presentation 3. Activities 4. Performance Activities 5. Data gathering 6. Portfolio Presentation	- Worksheet - Textbook	Worksheet	- Quizzes - Problem solving - Portfolio
17	10 – 14 February 2025							
18	17 – 21 February 2025	3	Review	Review	Review	- Worksheet - Textbook		- Quizzes - Problem solving
19	**Final Exam 2/2024 (February 24-28, 2024)**							

Ratio Scores

Accumulated scores including Midterm examination : Final Examination	=	… **80**…… : ……**20**….
Accumulated scores before midterm examination /tasks/assigned works	=	…**30**…. scores
Midterm examination	=	…**20**…. scores
Accumulated scores after midterm examination /tasks/assigned works	=	…**30**…. scores
Final examination	=	…**20**.... scores
Total 100 scores		