

Theme 2 Performance Task Assessment

Your performance task will be evaluated according to the scoring rubric provided below.

Criteria	Above Average (4)	Sufficient (3)	Developing (2)	Needs Improvement (1)
Mathematical Communication	Clearly explains all steps of the mathematical model with accurate terminology. Functions, domain, and range are defined in detail. Justifications are logical and well-supported.	Most steps of the model are explained clearly. Functions and range/domain are mostly correct. Some justification is given.	Some parts of the model are unclear or have minor mistakes. Limited explanation of function, domain, and range. Justification is weak or incomplete.	The explanation is unclear or mostly incorrect. Mathematical terms are missing or misused. Little or no justification is provided.
Use of Mathematics	Uses appropriate mathematical tools and accurate calculations. Table and model are complete, correct, and well-analyzed. Different scenarios are compared with mathematical reasoning.	Calculations are mostly accurate. Table and model are complete with minor errors. Comparison is present but lacks depth.	Some calculation errors are present. Table or model may be incomplete. Comparison is vague or underdeveloped.	Major errors in calculations. Table and model are missing or incorrect. No meaningful comparison is provided.
Poster	Visually appealing, well-organized, includes all required elements (screenshots, table, analysis, recommendations). Information is presented clearly and creatively.	Organized and includes most required elements. Presentation is clear but lacks creativity or visual appeal.	Includes some of the required elements. Poster may be cluttered or hard to follow.	Lacks required elements or is difficult to read. Poor organization or missing visuals.
Time Management	All steps are completed on time. Student shows excellent organization and planning.	Most steps are completed on time. Student is mostly organized.	Some delays in task completion. Planning and organization need improvement.	Task is late or incomplete. Poor planning and time use.