

### Theme 3 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)
<b>Mathematical Communication</b>	Clearly and accurately explains the role of triangles and the Triangle Inequality Theorem in the chosen bridge. Shows deep understanding with correct reasoning and real-life relevance.	Explains the concepts with minor inaccuracies; understanding is mostly correct.	Shows limited or partial understanding; explanation is vague or contains errors.	Provides little or no understanding; explanation is incorrect or missing.
<b>Model Construction (Spaghetti Bridge)</b>	Model is well-constructed, stable, and creatively demonstrates the importance of triangles.	Model is functional and mostly correct; minor flaws or missing details.	Model is incomplete, weak, or shows limited connection to the theorem.	Model is poorly built, unstable, or missing; no link to the theorem.
<b>Poster and Presentation</b>	Poster is visually appealing, well-organized, and includes all required information (structure, explanation, theorem). Presentation is confident and clear.	Poster includes most information, organized with minor errors. Presentation is understandable.	Poster or presentation is incomplete, disorganized, or unclear.	Poster is missing or lacks essential details; presentation is very unclear or not done.
<b>Collaboration and Communication</b>	Group works very effectively, sharing tasks fairly. Communication is clear, respectful, and cooperative.	Group works together with minor issues; communication mostly effective.	Uneven contribution or limited communication within the group.	Poor collaboration and communication; group work is ineffective.