

Mathematics Rubric

The class uses the following guide for assessment. To understand how to get a specific grade, read the indicators in its column. The performance tasks will use the point system of the rubric. Other work will follow the letter grade guidelines.

	‘A’ 4	‘B’ 3	‘C’ 2	‘D’ 1	‘F’ 0
Mathematical Reasoning	Shows sophisticated and elegant reasoning skills.	Shows strong and sound reasoning skills.	Shows basic basic reasoning skills.	Shows weak and/or unfounded reasoning skills.	Does not show reasoning skills. Work may be based on seemingly random guesses.
Numeric Representation	Shows sophisticated and complete understanding in numeric representation.	Shows strong understanding in numeric representation.	Shows basic understanding in numeric representation.	Shows weak understanding or some misunderstanding in numeric representation.	Shows little or no understanding in numeric representation or component is missing.
Graphical Representation	Shows sophisticated and complete understanding in graphical representation.	Shows strong understanding in graphical representation.	Shows basic understanding in graphical representation.	Shows weak understanding or some misunderstanding in graphical representation.	Shows little or no understanding in graphical representation or component is missing.
Algebraic Representation	Shows sophisticated and complete understanding in symbolic representation.	Shows strong understanding in symbolic representation.	Shows basic understanding in symbolic representation.	Shows weak understanding or some misunderstanding in symbolic representation.	Shows little or no understanding in symbolic representation or component is missing.
Communication	Clearly and convincingly communicates solution.	Clearly communicates solution.	Minor gaps in thinking when communicating solution.	Significant gaps in thinking when communicating solution.	Communication of solution is very weak or missing.
Neatness and Organization	Solution is easy to follow and there are no formatting or grammatical errors.	Solution is easy to follow but there are a few minor formatting or grammatical errors.	Solution is readable and includes a few minor formatting or grammatical errors.	Solution is difficult to follow and contains formatting or grammatical errors.	Solution is very difficult to follow and contains formatting or grammatical errors.

Performance Task _____

Name _____

	Problem 1	Problem 2	Problem 3	Problem 4	Problem 5
Mathematical Reasoning					
Numeric Representation					
Graphical Representation					
Algebraic Representation					
Communication					
Neatness and Organization					
TOTAL					

Final Grade for Task: _____