

Adapted from		1: Unsatisfactory	2: Basic	3: Proficient	4: Distinguished
Content knowledge	Mathematical Concepts	Displays errors in knowledge of mathematical concepts.	Explains mathematical concepts without difficulty, but expresses ideas in rudimentary form.	Clearly articulates mathematical concepts.	Fully and eloquently articulates mathematical concepts. Develops connections among mathematical concepts.
	Mathematical Procedures	Has difficulty explaining mathematical procedures.	Explains mathematical procedures without difficulty.	Explains mathematical procedures without difficulty and provides partial explanations for why mathematical procedures are valid or appropriate.	Explains mathematical procedures without difficulty and provides full explanations for why mathematical procedures are valid or appropriate.
Pedagogy & presentation	Mathematical Representations (equations, diagrams, graphs, tables, etc.)	Representations are inappropriate or unclear.	Representations clear and appropriate, but no connections are made between representations.	Representations are clear and appropriate, with explanations of significant elements. Mentions connections among representations.	Representations are clear and appropriate, with explanations of significant elements. Clearly explains connections among mathematical representations.
	Mathematical Communication	Consistently inappropriate use of mathematical terminology and/or symbols.	Adequate use of mathematical terminology and symbols; may contain minor flaws.	Appropriate use of mathematical terminology and symbols.	Sophisticated use of mathematical terminology and symbols.
	Presentation Structure	The presentation has no clearly defined structure, or the structure is chaotic.	The presentation has a recognizable structure with an introduction and conclusion.	The presentation has a clearly defined structure with some clear transitions and a logical introduction and conclusion.	The presentation has a clearly defined structure with elegant transitions and an effective introduction and conclusion.
Technology		Use of tool is rudimentary and does not support the presentation.	Tool is used but does not support the presentation or is inappropriate for the content.	Tool is used and appropriately supports the presentation.	Tool is integrated effectively and appropriately supports the presentation.



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Technology	Use of tool is rudimentary and does not support the presentation.	Tool is used but does not support the presentation or is inappropriate for the content.	Tool is used and appropriately supports the presentation.	Tool is integrated effectively and appropriately supports the presentation.