Standards-Based Math Rubric

	Problem Solving	Reasoning and Proof	Comm unication	Connections	Representation
Novice	No strategy is chosen, or a strategy is chosen that will not lead to a solution. Little or no evidence of engagement in the task is present.	Arguments are made with no mathematical basis. No correct reasoning nor justification for reasoning is present.	No awareness of audience or purpose is communicated. No formal mathematical terms or symbolic notations are evident.	No connections are made or connections are mathematically or contextually irrelevant.	No attempt is made to construct a mathematical representation.
Apprenfice	A partially correct strategy is chosen, or a correct strategy for only solving part of the task is chosen. Evidence of drawing on some relevant previous knowledge is present, showing some relevant engagement in the task.	Arguments are made with some mathematical basis. Some correct reasoning or justification for reasoning is present.	Some awareness of audience or purpose is communicated. Some communication of an approach is evident through verbal/ written accounts and explanations. An attempt is made to use formal math language. One formal math term or symbolic notation is evident.	A mathematical connection is attempted but is partially incorrect or lacks contextual relevance.	An attempt is made to construct a mathematical representation to record and communicate problem solving but is not accurate.

Exemplars[®] K-12 We Set the Standards!



Exemplars^{® K-12} We Set the Standards!

Copyright ©2001, revised 2019 by Exemplars, Inc. All rights reserved.