Grade K-12 Math | Example: 4 Point Success Criteria (Rubric)

Open Response -Requiring application of The Four Mathematical Claims					
Success Criteria	**4** **The student demonstrates a thorough ability to consistently:**	**3** **The student demonstrates some ability to:**	**2** **The student demonstrates beginning ability, but requires additional instruction to:**	**1** **The student requires focused additional instruction to:**	**0** **No Score**
Concepts and Procedures Applying mathematical concepts and procedures	Explain and apply mathematical concepts **and** interpret and carry out mathematical procedures with precision and fluency. ● Complete accuracy and precision. ● Exemplary response.	Explain and apply mathematical concepts **and** interpret and carry out mathematical procedures with precision and fluency. ● May include minor errors in precision and explanation. ● Complete response.	Explain and apply mathematical concepts **and** interpret and carry out mathematical procedures with precision and fluency. ● May have several errors or misconceptions. ● Reasonably complete response.	Explain and apply mathematical concepts **and** interpret and carry out mathematical procedures with precision and fluency. ● Incomplete ● Major errors or misconceptions. ● Partial response.	No response or off-topic response.
Problem Solving/Modeling and Data Analysis Using appropriate tools and strategies to solve real world scenarios and mathematical problems	Solve a range of complex, well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies. Analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems.	Solve a range of complex, well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies. Analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems	Solve a range of complex, well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies. Analyze complex, real-world scenarios and construct and using mathematical models to interpret and solve problems	Solve a range of complex, well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies. Analyze complex, real-world scenarios and construct and using mathematical models to interpret and solve problems	No response or off-topic response.
Communicating Reasoning Demonstrating ability to support mathematical conclusions	The student demonstrates the **thorough** ability to clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others	The student demonstrates **some** ability to clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others.	The student constructs a viable argument to support their own reasoning and to critique the reasoning of others. ● Requires additional support/scaffolding.	The student constructs a viable argument to support their own reasoning and to critique the reasoning of others ● Requires additional support/scaffolding.	No response or off-topic response.

CDE: CA Assessment of Student Performance and Progress System (CAASPP) | CA Mathematics Standards 2013