

## 5 Tier K-5 Elementary Math 2020 Classic 3-Level EOSD Rubric

Extreme Intervention  1	Content Knowledge	Strategies, Reasoning, Procedures Application	Communication
Partial Understanding  2	<ul style="list-style-type: none"> <li>There is no solution, or the solution has no relationship to the task.</li> <li>Inappropriate concepts are applied and/or procedures are used.</li> <li>The solution addresses none of the mathematical components presented in the task.</li> </ul>	<ul style="list-style-type: none"> <li>No evidence of a strategy or procedure, or uses a strategy that does not help solve the problem.</li> <li>No evidence of mathematical reasoning.</li> <li>There were so many errors in mathematical procedures that the problem could not be solved.</li> </ul>	<ul style="list-style-type: none"> <li>There is no explanation of the solution, the explanation cannot be understood or it is unrelated to the problem.</li> <li>There is no use or inappropriate use of mathematical representations (e.g. figures diagrams, graphs, tables, etc.).</li> <li>There is no use, or mostly inappropriate use, of math terminology and notation.</li> </ul>
Approaching Expectations  3	<ul style="list-style-type: none"> <li>The solution shows that the Student has a broad understanding of the problem and the major concepts necessary for its solution.</li> <li>The solution does not address <u>all</u> of the mathematical components presented in the task.</li> </ul>	<ul style="list-style-type: none"> <li>Uses a strategy that leads to a possible solution of the problem.</li> <li>Uses mathematical reasoning to justify steps.</li> <li>Mathematical procedures used to solve.</li> <li>Some parts of the answer is correct and a correct answer can be achieved.</li> </ul>	<ul style="list-style-type: none"> <li>There is an explanation.</li> <li>There is appropriate use of accurate mathematical representation.</li> <li>There is the use of mathematical terminology and notation.</li> </ul>
Met Expectations  4	<ul style="list-style-type: none"> <li>The solution shows a deep understanding of the problem including the ability to identify the appropriate mathematical concepts and the information necessary for its solution.</li> </ul>	<ul style="list-style-type: none"> <li>Uses a very efficient and sophisticated strategy leading directly to a solution</li> <li>Employs refined and complex reasoning.</li> <li>Applies procedures accurately to correctly solve the problem and verify the results</li> </ul>	<ul style="list-style-type: none"> <li>There is a clear, effective explanation detailing how the problem is solved. All of the steps are included so that the reader does not need to infer how and why decisions were made.</li> </ul>
Distinguish Exceeded Expectation  5	<ul style="list-style-type: none"> <li>The solution completely addresses all mathematical components presented. The answer is totally correct.</li> <li>The solution puts to use the underlying mathematical concepts task design.</li> </ul>	<ul style="list-style-type: none"> <li>Verifies solution and/or evaluates the reasonableness of the solution.</li> <li>Makes mathematically relevant observations and/or connections.</li> <li>Articulates logical mathematical solutions and analyzes the reasoning of others with the ability to express reasoning.</li> </ul>	<ul style="list-style-type: none"> <li>Mathematical representation is actively used as a means of strategically communicating ideas related to the solution. There is precise and appropriate use of math terminology, notations and reasoning quantitatively</li> </ul>

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