

SD 73 District Numeracy Assessment Rubric



SCHOOL DISTRICT NO. 73
(Kamloops-Thompson)

Student Name: _____

Date: _____

Numeracy Cycle	1 - Emerging	2 - Developing	3 - Proficient	4 - Extending
<p>Interpret What is the problem asking?</p> <p>What information is important?</p>	<input type="checkbox"/> Makes fundamental errors in identifying the problem <input type="checkbox"/> Makes fundamental errors/omissions in what information is needed to solve the problem	<input type="checkbox"/> Does not fully identify the problem <input type="checkbox"/> Does not include all relevant information needed to solve the problem	<input type="checkbox"/> Identifies the problem <input type="checkbox"/> Identifies the relevant information needed to solve the problem	<input type="checkbox"/> Student shows a sophisticated, creative or insightful approach
<p>Apply Looking at the strategy</p> <p>Looking at the steps/plan</p>	<input type="checkbox"/> Unable to choose a mathematical operation or strategy <input type="checkbox"/> Unable to plan steps	<input type="checkbox"/> The chosen mathematical operation or strategy is unclear or incomplete <input type="checkbox"/> The steps are unclear or incomplete	<input type="checkbox"/> Selects mathematical operations and strategies that would solve the problem <input type="checkbox"/> The steps would solve the problem with some errors in logic	<input type="checkbox"/> Student shows a sophisticated, creative or insightful approach
<p>Solve Math concepts and skills</p> <p>Correctness</p>	<input type="checkbox"/> Demonstrates limited use of mathematical concepts and skills involved in the situation <input type="checkbox"/> Mathematical solution is incomplete or incorrect, with fundamental calculation errors	<input type="checkbox"/> Demonstrates basic use of mathematical concepts and skills involved in the situation <input type="checkbox"/> Mathematical solution is missing essential calculations or contains major errors	<input type="checkbox"/> Demonstrates effective use of mathematical concepts and skills involved in the situation <input type="checkbox"/> Mathematical solution is reasonable and appropriate to context	<input type="checkbox"/> Student shows a sophisticated, creative or insightful approach
<p>Analyze Justify solution</p> <p>How is your solution stronger or weaker than other possible solutions?</p>	<input type="checkbox"/> Focus is on correctness of mathematical computation <input type="checkbox"/> Focus is not on context	<input type="checkbox"/> Explains at a basic level why their solution is reasonable <input type="checkbox"/> Explanation is at a basic level	<input type="checkbox"/> Thoroughly explains why their solution is reasonable <input type="checkbox"/> Thoroughly explains the strengths or weaknesses	<input type="checkbox"/> Thoroughly explains why their solution is reasonable, stating assumptions <input type="checkbox"/> Explanation is elaborate
<p>Communicate *Through all parts of the assessment</p>	<input type="checkbox"/> The reasoning, process and solution lacks clarity, detail, and organization throughout the assessment	<input type="checkbox"/> The reasoning, process and solution are inconsistent in their clarity, thoroughness, and organization throughout the assessment	<input type="checkbox"/> The reasoning, process and solution are clear and organized throughout the assessment	<input type="checkbox"/> The reasoning, process, solution, and assumptions are explained thoroughly and clearly throughout the assessment
<p>Overall Achievement</p>	<input type="checkbox"/> 1 - Emerging	<input type="checkbox"/> 2 - Developing	<input type="checkbox"/> 3 - Proficient	<input type="checkbox"/> 4 - Extending