

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
Interpret What is the problem asking? What information is important?	<input type="checkbox"/> Makes fundamental errors in identifying the problem <input type="checkbox"/> Makes fundamental errors 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"/> Identifies the problem with limitations and constraints <input type="checkbox"/> Identifies missing and excessive information
Apply Looking at the strategy Looking at the steps/plan	<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"/> Selects mathematical operations and strategies that would solve the problem efficiently <input type="checkbox"/> The steps are logical and would solve the problem
Solve Math concepts and skills Correctness	<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 appropriate to context but may contain minor errors	<input type="checkbox"/> Demonstrates advanced use of mathematical concepts and skills involved in the situation <input type="checkbox"/> Mathematical solution is reasonable and appropriate to context
Analyze Justify solution Pros and cons of solutions	<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"/> Able to identify a pro or con at a basic level	<input type="checkbox"/> Thoroughly explains why their solution is reasonable <input type="checkbox"/> Pros and cons are identified and relevant to the context	<input type="checkbox"/> Thoroughly explains why their solution is reasonable, stating assumptions <input type="checkbox"/> Pros and cons are identified and explained with elaborations
Communicate *Through all parts of the assessment	<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, thorough, and organized throughout the assessment	<input type="checkbox"/> The reasoning, process and solution are elaborately and clearly explained throughout the assessment
Overall Achievement	<input type="checkbox"/> 1 - Emerging	<input type="checkbox"/> 2 - Developing	<input type="checkbox"/> 3 - Proficient	<input type="checkbox"/> 4 - Extending