School District 78 Fraser-Cascade

Operations Rubric
SNAP (Student Numeracy Assessment & Practice)

Competency	1 *Student understanding and application of number operations is not evident*	2 *The student demonstrates some understanding and application of number operations*	3 *The student demonstrates proficient understanding and application of number operations*	4 *The student demonstrates superior understanding and application of number operations.*
Communicating and Representing *Entire Assessment*	• Communication (written, pictorial or symbolic) of understanding is not evident	• Communicates (written, pictorial or symbolic) limited understanding	• Communicates (written, pictorial or symbolic) clear understanding in multiple ways	• Communicates (written, pictorial or symbolic) insightful understanding in multiple ways
Understanding and Solving *Draw & Calculate Boxes*	• Strategies to solve the problem and show understanding are not evident	• Strategies to correctly solve the problem and show understanding are simple or limited	• Uses ***grade appropriate*** strategies to correctly solve the problem and show understanding	• Uses multiple strategies ***(some beyond grade expectations)*** to correctly solve the problem and show understanding
Connecting and Reflecting *Real Life Example/ Word Problem*	• Real life example and connections to mathematical concepts are not evident	• Real life example and connections to mathematical concepts are limited	• Real life example and connections to mathematical concepts are evident	• Real life example and connections to mathematical concepts are insightful
Reflection	• Simple reflections on mathematical thinking are not evident	• Simple reflections on mathematical thinking are evident	• Some insight on mathematical thinking is evident	• Insightful reflection on mathematical thinking is evident
Reasoning and Analyzing *Estimate & Justify Box*	• Estimation/mental math strategies and justification are not evident	• Estimation/mental math strategies and justification are simple	• Estimation/mental math strategies and justification are reasonable	• Estimation/mental math strategies are reasonable and justification is detailed