

Figure 12.1 An existing four-column rubric (British Columbia Ministry of Education, 2020).

Aspect	Not Yet Within Expectations	Meets Expectations (Minimal Level)	Fully Meets Expectations	Exceeds Expectations
Snapshot	<ul style="list-style-type: none"> The student is unable to meet basic requirements of the task without close, ongoing assistance. Unable to provide a relevant extension. 	<ul style="list-style-type: none"> The work satisfies most basic requirements of the task, but it is flawed or incomplete in some way. May produce a simple extension with help. 	<ul style="list-style-type: none"> The work satisfies basic requirements. If asked, the student can produce a relevant extension or further illustration. 	<ul style="list-style-type: none"> The work is complete, accurate, and efficient. The student may volunteer an extension, an application, or a further illustration.
Concepts and Applications* <ul style="list-style-type: none"> recognizing mathematics grade-specific concepts, skills patterns, relationships 	<ul style="list-style-type: none"> unable to identify mathematical concepts or procedures needed does not apply relevant mathematical concepts and skills appropriately; major errors or omissions often unable to describe patterns or relationships 	<ul style="list-style-type: none"> identifies most mathematical concepts and procedures needed applies most relevant mathematical concepts and skills appropriately; some errors or omissions may need help to describe and use patterns and relationships 	<ul style="list-style-type: none"> identifies mathematical concepts and procedures needed applies mathematical concepts and skills appropriately; may be inefficient, make minor errors or omissions describes and uses basic patterns and relationships 	<ul style="list-style-type: none"> identifies mathematical concepts and procedures needed; may offer alternatives applies mathematical concepts and skills accurately and efficiently; thorough independently describes and uses patterns and relationships
Strategies and Approaches <ul style="list-style-type: none"> procedures estimates to verify solutions 	<ul style="list-style-type: none"> appears unsystematic and inefficient results or solutions are often improbable 	<ul style="list-style-type: none"> generally follows instructions without adjusting or checking may need reminding to verify results or solutions; estimates are generally logical 	<ul style="list-style-type: none"> follows logical steps; may be inefficient makes logical, relatively accurate estimates to verify results or solutions 	<ul style="list-style-type: none"> structures the task efficiently; may find a shortcut makes logical estimates to verify results or solutions
Accuracy <ul style="list-style-type: none"> recording, calculations 	<ul style="list-style-type: none"> often includes major errors in recording or calculations 	<ul style="list-style-type: none"> may include some errors in recording or calculations; generally "close" 	<ul style="list-style-type: none"> recording and calculations are generally accurate; may include minor errors 	<ul style="list-style-type: none"> recording and calculations are accurate; may use mental math
Representation and Communication <ul style="list-style-type: none"> presenting work constructing charts, diagrams, displays explaining procedures, results 	<ul style="list-style-type: none"> work is often confusing, with key information omitted often omits required charts, diagrams, or graphs, or makes major errors explanations are incomplete or illogical 	<ul style="list-style-type: none"> most work is clear; may omit some needed information creates required charts, diagrams, or graphs; some features may be inaccurate or incomplete explanations may be incomplete or imprecise 	<ul style="list-style-type: none"> work is generally clear and easy to follow uses required charts, diagrams, or graphs appropriately; may have minor errors or flaws explains procedures and results logically in own words 	<ul style="list-style-type: none"> work is clear, detailed, and logically organized uses required charts, diagrams, or graphs effectively and Accurately explains procedures and results clearly and logically; may include visuals