

RUBRIC FOR PERFORMANCE TASK #1 — SUNRISE, SUNSET

Scores and Criteria				
Assessment Category	• Passable level of achievement – below provincial standard LEVEL 1	• Moderate level of achievement – below, but approaching provincial standard LEVEL 2	• High level of achievement – at provincial standard LEVEL 3	• Very high to outstanding level of achievement – above provincial standard LEVEL 4
	Thinking/Inquiry/Problem Solving			
	- Data, algebraic, and graphical models are weakly connected and address few aspects of the situation. - Reasoning is evident but inconsistent.	- Data, algebraic, and graphical models make some connections and address some aspects of the situation. - Reasoning is evident and logical in parts of the problem.	- Data, algebraic, and graphical models are well connected and address most aspects of the situation. - Reasoning is logical and consistent within context.	- Data, algebraic, and graphical models are well connected and integrate all aspects of the situation. - Reasoning is logical, consistent, and relates to the broader context.
	Communication			
	- Student gathers limited but accurate information from charts or graphs. - Either mathematical or narrative form is present, but not both. - Explanations and justifications are unclear.	- Student gathers some information from charts or graphs but has difficulty interpreting it. - Both mathematical and narrative forms are present, but the forms are not integrated. - Explanations and justifications are understandable but unclear.	- Student gathers sufficient information from charts or graphs and interprets it correctly. - Mathematical and narrative forms are present and integrated. - Explanations and justifications are clear.	- Student gathers complex information from charts or graphs and interprets it fully. - Various mathematical forms and narrative are present, integrated, and well chosen. - Explanations and justifications are clear and thorough.
	Application			
	- Selected equation is only partially appropriate to the data. - Selected model is used with some inaccuracies.	- Selected equation is generally appropriate to the data. - Selected model is used but may contain minor errors.	- Selected equation is appropriate and relates to the data. - Selected model is used correctly.	- Selected equation is appropriate, efficient, and relates to the data. - Selected model is used correctly and is verified or supported.