

RUBRIC FOR PERFORMANCE TASK #2 — POPULATION GROWTH

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
	Knowledge/Understanding			
	- Attempted solution demonstrates limited understanding of exponential growth. - Some of calculations were performed but may contain inaccuracies.	- Solution demonstrates some evidence of understanding of exponential growth. - Most of calculations performed but may contain inaccuracies.	- Solution demonstrates sufficient evidence to show understanding of exponential growth. - Calculations performed completely; most computations generally correct.	- Detailed solution demonstrates thorough understanding of exponential growth. - Calculations performed completely, accurately, and are verified or supported.
	Thinking/Inquiry/Problem Solving			
	- A model/plan was used that addressed few aspects of the problem. - Reasoning is evident but lacks consistency.	- A model/plan was used that addressed some aspects of the problem. - Reasoning is evident and logical in parts of the problem.	- An appropriate plan was used to explore the major aspects of the problem. - Reasoning is logical and consistent within context.	- An appropriate plan that integrates all aspects of the problem/context was used. - Reasoning is logical and consistent and relates to broader context.
	Communication			
	Few mathematical conventions are used.	Some mathematical conventions are used correctly.	Most mathematical conventions are used correctly.	Mathematical conventions are used correctly.
	Application			
	Selected strategies are only partially appropriate to the question.	Selected strategies are generally appropriate to the question.	Selected strategies are appropriate and relate to the context of the question.	Selected strategies are appropriate and take in all aspects of the question.