

RUBRIC FOR PERFORMANCE TASK #5 — BLAISE PASCAL

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			
	- Graphical and geometric models are only partially appropriate to the exploration of the problem. - Reasoning is evident but inconsistent. - Student makes some connections between exploration, conjecture, and conclusions but does not show support of these connections.	- Graphical and geometric models are generally appropriate to the exploration of the problem. - Reasoning is evident and logical in parts of the problem. - Students makes consistent connections between exploration, conjecture, and conclusions but does not fully support the connections.	- Graphical and geometric models are appropriate and relate to the exploration of the problem. - Reasoning is logical and consistent within context. - Student supports connections between exploration, conjecture, and conclusions are with evidence and integrates aspects of the problems.	- Graphical and geometric models are appropriate and efficient and relate to the full exploration of the problem. - Reasoning is logical and consistent and relates to the broader context. - Student convincingly supports connections between exploration, conjecture, and conclusions and integrates all aspects of the problems.
	Communication			
	- Either mathematical or narrative form is present, but not both. - Explanations and justifications are unclear.	- Both mathematical and narrative forms are present, but the forms are not integrated. - Explanations and justifications are understandable but unclear.	- Mathematical and narrative forms are present and integrated. - Explanations and justifications are clear.	- Various mathematical and narrative forms are present, integrated, and well chosen. - Explanations and justifications are clear and thorough.
	Application			
	Selected strategies are used with some inaccuracies.	Selected strategies are used but may contain minor errors.	Selected strategies are used correctly.	Selected strategies are used correctly and are verified or supported.