

## ISLO 4 – Quantitative Reasoning Rubric

Students will work with graphical, numerical or symbolic models to solve problems and interpret results.

	MEETS STANDARD		DOES NOT MEET STANDARD	
	Completely correct - 4	Generally correct - 3	Partially correct - 2	Incorrect - 1
<b>Student uses a graph (graphical model) to solve the problem and interpret results.</b>	<p>The student demonstrates an accurate understanding of the information given.</p> <p>The student solves the problem correctly.</p> <p>The student completely and accurately interprets the results.</p>	<p>The student demonstrates a mostly accurate understanding of the information given.</p> <p>The student solves the problem in a manner that is mostly correct but contains minor flaws.</p> <p>The student demonstrates a mostly accurate understanding of how to interpret the results. There are minor flaws in the interpretation.</p>	<p>The student demonstrates little understanding of the information given.</p> <p>The student solves the problem in a manner that contains major flaws.</p> <p>The student demonstrates little understanding of how to correctly interpret the results.</p>	<p>The student demonstrates no evidence of the ability to solve the problem.</p> <p>The student demonstrates no evidence of accurately interpreting the results.</p>
<b>Student uses a data table (numerical model) to solve the problem and interpret results.</b>	<p>The student demonstrates an accurate understanding of the information given.</p> <p>The student solves the problem correctly.</p> <p>The student completely and accurately interprets the results.</p>	<p>The student demonstrates a mostly accurate understanding of the information given.</p> <p>The student solves the problem in a manner that is mostly correct but contains minor flaws.</p> <p>The student demonstrates a mostly accurate understanding of how to interpret the results. There are minor flaws in the interpretation.</p>	<p>The student demonstrates little understanding of the information given.</p> <p>The student solves the problem in a manner that contains major flaws.</p> <p>The student demonstrates little understanding of how to correctly interpret the results.</p>	<p>The student demonstrates no evidence of the ability to solve the problem.</p> <p>The student demonstrates no evidence of accurately interpreting the results.</p>
<b>Student uses a formula (symbolic model) to solve the problem and interpret the results.</b>	<p>The student demonstrates an accurate understanding of the information given.</p> <p>The student solves the problem correctly.</p> <p>The student completely and accurately interprets the results.</p>	<p>The student demonstrates a mostly accurate understanding of the information given.</p> <p>The student solves the problem in a manner that is mostly correct but contains minor flaws.</p> <p>The student demonstrates a mostly accurate understanding of how to interpret the results. There are minor flaws in the interpretation.</p>	<p>The student demonstrates little understanding of the information given.</p> <p>The student solves the problem in a manner that contains major flaws.</p> <p>The student demonstrates little understanding of how to correctly interpret the results.</p>	<p>The student demonstrates no evidence of the ability to solve the problem.</p> <p>The student demonstrates no evidence of accurately interpreting the results.</p>