Name: _____   Date: _____

Task: Create Your Own Water Park Rubric

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding • provides a labelled sketch • provides algebraic equations that represent the sketches • uses their grade 12 knowledge of graphs and their common sense to create the rides	• demonstrates little understanding of sketches and the algebraic representation of the sketch	• demonstrates some understanding of sketches and the algebraic representation of the sketch	• demonstrates considerable understanding of sketches and the algebraic representation of the sketch	• demonstrates thorough understanding of sketches and the algebraic representation of the sketch
Thinking • Prepares a plan to solve the problem • carries out the plan	• needs extensive assistance to begin organizing a plan and needs some steps to follow	• needs some assistance to organize and implement an effective strategy	• needs minimal assistance to organize and implement an effective strategy	• needs no assistance to organize and implement an effective strategy
Communication • clear explanations and full justifications for parts b) and c) • correct use of mathematical language	• does not clearly explain or justify solution any of parts b) or c) • uses limited mathematical form	• explains and justifies solution somewhat the parts b) and c) • uses minimal mathematical form	• explains and justifies solution fully • uses good mathematical form	• explains, justifies and shows insight into the complexities of the solution • uses excellent mathematical form