

Name: _____

Date: _____

BLM 5-4

Section 5.1 Achievement Check Rubric

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> Explains the periodic functions that model the playground equipments' motion in parts b) to d). 	Demonstrates limited understanding of periodic functions.	Demonstrates some understanding of periodic functions.	Demonstrates considerable understanding of periodic functions.	Demonstrates thorough understanding of periodic functions.
Thinking <ul style="list-style-type: none"> Prepares a plan to solve the problem. Carries out the plan. 	Needs extensive assistance to begin organizing a plan and needs clearly laid out steps to follow.	Needs some assistance to begin organizing a plan and needs some steps to follow.	Needs minimal assistance to organize and implement an effective strategy.	Needs no assistance to organize and implement an effective strategy.
Communication <ul style="list-style-type: none"> Clear explanations and full justifications. 	Does not clearly explain or justify solution.	Explains and justifies solution somewhat.	Explains and justifies solution fully.	Explains, justifies, and shows insight into the complexities of the solution.
Application <ul style="list-style-type: none"> Draws a graph of the swing's motion with an amplitude of 2 m and a period of 2 s. 	Interprets the information ineffectively by drawing an unlabelled and disproportionate graph.	Interprets the information somewhat effectively by drawing an unlabelled or disproportionate graph.	Interprets the information with considerable effectiveness by drawing a labelled and proportionate graph.	Interprets the information with a high degree of effectiveness by drawing a fully labelled and proportionate graph.