



# GOING GREEN 2009 ROBOTICS COMPETITION INVENTIONS CHALLENGE APRIL 28, 2009

**Team Name:** \_\_\_\_\_

**School:** \_\_\_\_\_

Part 1:

CATEGORY	0 Points	1 - 3 Points	4 – 7 Points	8 – 10 Points
Complexity of Programming	No evidence of programming	Programming uses a simple design with few steps.	Program has evidence of several tasks, functions, and steps.	Program is complex and has numerous tasks, functions, and subroutines.
Construction Design	Poor design and construction. Unable to initiate task.	Weak design and construction. Able to partially complete the task.	Adequate design and fairly stable construction. Able to complete most elements of task.	Well thought out design and stable construction. Able to complete task.
Creativity and Originality	Uses existing ideas, no original thought.	There is little evidence of original thinking.	Invention shows some original thought. Work shows new ideas and insights.	Invention shows a large amount of original thought. Ideas and creative and inventive.
Selection of Problem and solution	No solution to the selected problem.	Partial solution to the selected problem.	Practical solution to a selected problem.	Unique and practical solution to a relevant or significant problem.

Part 1 Score: \_\_\_\_\_

Part 2:

<b>CATEGORY</b>	<b>0 Points</b>	<b>1 Point</b>	<b>2 - 3 Points</b>	<b>4 – 5 Points</b>
Logbook	No logbook.	Incomplete description of activities in logbook.	Adequate description of activities in logbook demonstrating thought processes, development, and design.	Meticulous, detailed, and extensive description of activities in logbook demonstrating thought processes, development, and design.
Marketing	No marketing theme evident.	Loosely connected ideas to promote invention.	Focused theme or ideas in promoting the invention.	Creative theme or ideas in promoting the invention.
Presentation	Delivery not smooth and audience attention often lost.	Delivery not smooth, but able to maintain interest of the audience most of the time.	Rehearsed with fairly smooth delivery that holds audience attention most of the time.	Well-rehearsed with smooth delivery that holds audience attention.

Part 2 Score: \_\_\_\_\_

Total Score: \_\_\_\_\_

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Judge's Signature