

Design Report

		Values
1	Design Brief	
	Explain your design	
	Design Process	5
	Brainstorming	5
	Design	5
	Development of Design	5
	Testing	5
	Parameters for "success"	5
	Re-Designs	5
	Final Product	5
2	Identify all sources of Input - Path - Output	
	Be Specific	10
3	Sketch and/or Picture	
	Label	
	Gears, components, manipulators, actuators, end effectors.	15
	Define	
	Purpose & Function of ALL	15
	i.e.	
	Gear Ratios (why)	
	Manipulators (Jointed, Geared, DOF, Control)	
	Actuators/Effectors (DOF, Control)	
	Coordinate Plane of Operation	
4	Explain Navigation & Locomotion Methods	10
5	Outcomes	
	Was your robot successful? Why or Why Not?	10
	What are potential redesigns if given the chance?	10
	Lessons Learned?	25
	What did you learn about robot design?	
	What did you learn about robot construction?	
	What did you learn about robot operations?	
	What did you learn about robot programming?	
	What did you learn about the design, construction & operations process?	
	Why were other robots more or less successful than yours?	
		TOTAL
	BE SPECIFIC IN ALL YOUR ANSWERS!!!	135