Notebook Checksheet
Bio-Robotics Harbor

	Description	Seg.	Date	Points	Comments
1	**Notes:** Introduction to robots and uses of automation…notes in your lab notebook.	1-2		/5	
2	**Notes:** Components of robots…notes in your lab notebook.	3		/5	
3	**Pneumatics activity:** Use the Lego DACTA pneumatics kit to complete the pneumatics activity as directed. Summarize what you did in your lab notebook.	3		/5	
4	**ARM Robot Program:** Program the ARM robot to complete the assigned task. Summarize your work in your lab notebook.	5		/5	
5	**Jaws of Life activity:** Use the Lego DACTA kit and instruction book to build a working pneumatic model of the jaws of life.	6		/5	
6	**Scissor Lift activity:** Use the Lego DACTA kit and instruction book to build a working pneumatic scissor lift.	7		/5	
7	**Pneumatics Worksheet:** Use the scissor lift model you created to complete the "Pneumatics" worksheet.	7		/5	
8	**Simple Machines:** Each harbor team member should use the blue instruction cards to build one simple machine of their choosing.	8		/5	
9	**Yaw/Pitch/Roll:** Take notes in your lab notebook over yaw, pitch, and roll. It is not necessary to build a Lego model.	9		/5	
10	**Laws of Robotics:** Take notes in your lab notebook over the laws of robotics.	10		/5	

Name: Suite Rotation: Harbor Rotation: