

# Arts and Bots – Biomechanics Rubric

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

Period: \_\_\_\_\_

Team Member: \_\_\_\_\_



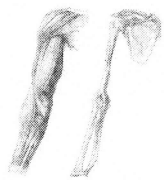
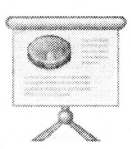
Primary Job: \_\_\_\_\_

Team Member: \_\_\_\_\_

Primary Job: \_\_\_\_\_

Team Member: \_\_\_\_\_

Primary Job: \_\_\_\_\_

Category	0-2	3-5	6-7	8-10
<b>Arts</b> 	The project used no design or artistry and/or was not a finished project.	Little design was used and/or the elements do not enhance the goal of the project.	Some design was used that enhance the goal of the project. The elements of the project were mostly finished.	The design process was clearly used to bring an artistic vision to life while enhancing the project goal. A finished product was presented.
<b>Bots</b> 	<ul style="list-style-type: none"> <li>• 1 of 3 Components</li> <li>• Incomplete Programming</li> </ul>	<ul style="list-style-type: none"> <li>• 2 of 3 Components</li> <li>• Incomplete Programming</li> </ul>	<ul style="list-style-type: none"> <li>• 2 of 3 Components</li> <li>• Completed Programming</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Servo</li> <li>• 1 LED</li> <li>• 1 Sensor</li> <li>• Completed Programming</li> </ul>
<b>Biomechanics</b> 	<ul style="list-style-type: none"> <li>• Most muscles, bones, and tendons labeled incorrectly</li> <li>• Motion produced incorrectly represents biomechanic principle</li> </ul>	<ul style="list-style-type: none"> <li>• Some muscles, bones, and tendons labeled incorrectly</li> <li>• Motion produced incorrectly represents biomechanic principle</li> </ul>	<ul style="list-style-type: none"> <li>• Muscles, bones, and tendons labeled correctly</li> <li>• Motion produced incorrectly represents biomechanic principle</li> </ul>	<ul style="list-style-type: none"> <li>• Muscles, bones, and tendons labeled correctly</li> <li>• Motion produced correctly represents biomechanic principle</li> </ul>
<b>Presentation</b> 	The presentation was not professional, elements were missing, and not all group members were involved.	The presentation was professional but elements were missing from the presentation. Not all group members were involved.	The presentation was professional but one element was missing from the presentation. All group members were involved. The demonstration did not work correctly.	All the “bots” parts were presented. The biomechanical principal was correctly presented. All group members were involved and the demonstration worked correctly.
<b>Pre-Survey</b>	0 Points	2 Points	<b>Collaboration/Evaluation (6 Points)</b>	
<b>Post-Survey</b>	0 Points	2 Points	A constructive evaluation form on your team’s performance was completed using professional and academic language, which reflected an honest critique of each individual group member.	

***Your bot needs to be 95% recycled materials!***

**Total Score      / 50 Points**