Team Members:_____Date:_____

Test and Evaluation Sheet

Durable
The device is able to repeat the task without being touched

Worked Successfully	No	Yes
Points earned	0	1

Task Completion
The device is able to complete the task with minimal modifications
(1 minute or less between tests)

Modifications made	5	4	3	2	1	0
Points earned	1	2	3	4	5	6

Movement
The device simulates arm or leg motions in relation to the joints.

Movement type	no	erratic	smooth
Points earned	2	3	4

Design
The device contains three joints that are located in similar positions. (Joint types: ball & socket, hinge, gliding, fixed, pivot)

Number of joints	0	1	2	3
Points earned	0	2	4	6

Diagram labeled – All ligaments, tendons, joints, & bones are identified.

Parts labeled	0	2 - 4	5 - 6	7 or more
Points earned	0	5	6	8

Completed building device	No	Yes
Points earned	0	50

Total points earned
Total each trial and compute final score

Trial 1	Trial 2	Trial 3	Trial 4	Total