

NAME & CLASS:

ENGINEERING DESIGN CHALLENGE: ROBO ARM

DESIGN #1, 2 Section Arm:

Draw your original design in the box to the right. Label the parts used to build your design. Then answer the following question in the space provided:



Explain why you built your arm as shown in your design sketch. Did your design fail or succeed in your tests? Why or why not?

REDESIGN:

Draw your redesigned 2 section arm in the box to the right. Label the parts used to build your design. Then answer the following question in the space provided:



Explain why you built your redesigned arm as shown in your design sketch. Did your new design fail or succeed in your tests? Why or why not?

On a separate sheet of paper, write a one-page essay describing what you would do differently (and why) if you could complete this portion of the challenge again.