Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_

**Exit Ticket- Sample Responses and rubric**

1. **List all the materials you used for your final prototype design and the part of the hand each material represent. Also include why you selected this material.**

*3 Points: The student lists all the materials that they used and accurately connects them to the function of the human hand.*

*2 Points: The student lists all the materials, but some of the materials are either not connected to the human hand or some inaccuracies are present.*

*1 Point: The student lists all of the materials, but most of the materials are either not connected to the human hand or many inaccuracies are present.*

*0 Points: The student does not include any of the materials and/or none of the materials are either not connected to the human hand or are all inaccurately connected*

1. **What, if anything, did you modify from your first design to your final design to make your prosthetic more functional? Explain the information you gathered to help you decide what change(s) to make.**

*2 Points: The student identifies the modification to their design and provides an explanation as to why they made that modification.*

 *1 Point: The student identifies the modification to their design, but fails to provide an explanation.*

 *0 Points: The student does not identify the modification and does not provide an explanation.*

1. **What aspects of anatomy or physics did you need to refer to when deciding how to make the modifications to your design? (Include at least 3) Explain how those aspects informed your design process.**

*2 Points: The student refers to at least 3 science ideas (either anatomy related or physics related) and provides an explanation.*

*1 Point: The student refers to less than 3 science ideas and/or does not provide an explanation*

*0 Points: The student does not refer to any science ideas*

1. **How does your prosthetic hand function in a similar manner as a human hand? Please include descriptions of the uses of tendons, muscles, bones, and joints in your answer.**

*3 Points: The student answers the question with the accurate inclusion of all of the terms listed.*

*2 Points: The student answers the question with some inaccuracies and/or is missing 1-2 terms listed.*

*1 Point: The student answers the question with many inaccuracies and/or is missing 3-4 terms*

*listed.*

*0 Points: The student does not accurately answer the question and/or includes none of the terms in the description.*

1. **What is the purpose of the tendons in the movement of the hand? The bones? The muscles? How do the different systems in the body work together to move the hand?**

*3 Points: The student accurately describes the function of each of the terms in relation to the movement of the hand.*

*2 Points: The student has some inaccuracies in his/her description of the function of the terms and/or is missing 1 of the terms.*

*1 Point: The student has many inaccuracies in his/her description of the function of the terms and/or is missing 2 of the terms.*

*0 Points: The student inaccurately describes the function of the terms and/or does not include any of the terms.*