Dissection Reflection

**Structure and Function:**

Pick an organ you discovered in your organism and write a paragraph that describes how the **function** of that organ is determined by the **structure** of the organ. Please be specific about how that organ works to maintain homeostasis in your organism. You may use internet sources to back up your claims, but make sure your information is coming from credible sources. Please write using MLA format.

Submit your paragraph and pictures of the organ to google classroom by Friday, June 1st at 3:55 pm.

**Example:** *The structure of teeth is made of hard calcium ions protected by an enamel coating. The human jaw is made of both flat and sharp teeth and this supports the function of eating BOTH vegetables and animals. The shape of our jaw and the fact that we have two sets of teeth support our need to eat and chew food to survive. Eating helps maintain homeostasis because our body needs to metabolize sugars in order to perform cellular respiration.*

Rubric

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| --- | --- | --- | --- | --- |
| Score | 1 | 2 | 3 | 4 |
|  Analysis of Structure and Function | Student plagiarized their work, submitted incomplete or incoherent thoughts, or showed incomplete mastery of the subject of homeostasis and structure and function.  | Student merely describes how the organ works, but not about how the structure determines its function. Student does not touch on homeostasis, and did not use outside research to support their claims.  | Student provides some evidence, but is missing analysis of their organ and how the organism uses it to maintain homeostasis | Student researches how the organ has changed over time and provides at least three pieces of evidence to support their claim. The student goes in depth to describe how the organ is necessary for maintaining homeostasis.  |