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Team Name: Hewitt 2024

School Name: The Hewitt School

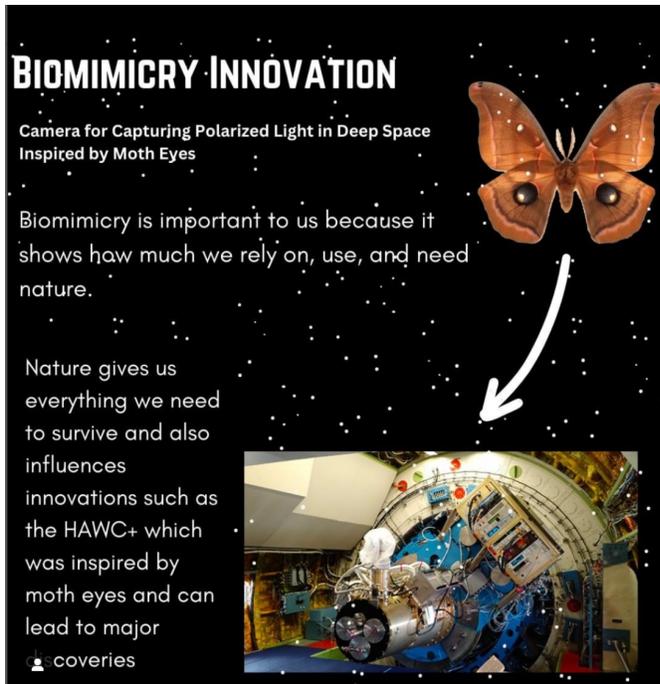
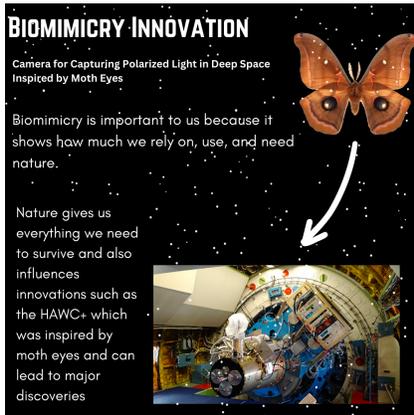
Select one design or biological mechanism that is particularly interesting. Write a reflection (about 300 words) on why this strategy or system that mimics nature inspires you, as well as other thoughts on biomimicry as a concept.

One design that I found to be particularly interesting is the camera for capturing polarized light in deep space inspired by moth eyes. What I found compelling about this strategy is that just by taking notice of our environment and the living things around us, people were able to create a solution to a problem in the aerospace field. My perspective of nature changed because I now have a greater appreciation for it. Nature not only provides us with what we need to survive, but it also gives us ideas for genius innovations and creations that are helpful for our future and for us to discover more. Because of moths, we can now see faraway objects in space that we might not have been able to before. This could lead to many discoveries in the future and I bet has led to many discoveries already.

These systems of biomimicry can be applied to my community because my community can use systems and strategies of biomimicry to make our community a more sustainable place. Also, if more people in my community just take a few moments out of their daily lives to just walk in nature, if accessible, and enjoy what the world gives to us without anything in return, people might take inspiration from nature. Even if they don't, people will most likely value nature more and take actions to not destroy our environment. The more people who know how big of an effect nature has on us and our daily lifestyles, people would not want to destroy it. Nature gives us everything we need and more, the least we can do is show it some respect and use nature for good rather than harming it.

Caption:

One biomimicry design that I discovered today is a camera that is able to capture photos of faraway objects in space which most telescopes do not have the ability to do. This design was influenced by the structure of the surface of moth eyes. Learning about biomimicry and designs such as these that are changing our world inspires me because it just goes to show how much humans need nature. Not only do we rely on nature for natural resources which are a necessity for survival, but we can also be influenced by it to create new projects such as the camera that can lead to new major discoveries



hw_project_greenteam



hw_project_greenteam One biomimicry design that I discovered today is a camera that is able to capture photos of faraway objects in space which most telescopes do not have the ability to do. This design was influenced by the structure of the surface of moth eyes. Learning about biomimicry and designs such as these that are changing our world inspires me because it just goes to show how much humans need nature. Not only do we rely on nature for natural resources which are a necessity for survival, but we can also be influenced by it to create new projects such as the camera that can lead to new major discoveries. @turninggreenorg @biomimicryinstitute #pgc2022

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