

5 of April 2024, Participants:

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Topic: Structure of the bee panels in their hives

During this project we will be researching biomimetics. But what is biomimicry? Biomimicry, also known as biomimetics, by etymological definition means “to imitate life.” *Bio* means life, while *mimicry* means to imitate. Therefore, biomimicry is the discipline that studies nature in order to imitate it and solve humanity's problems. With this, the aim is not to copy nature but rather to use it as inspiration to innovate in architecture, medicine, robotics, among many others.

The fruits of biomimicry represent a great step in society. For this reason, it is important for Puerto Rico to take this great step. Currently, there are many areas on the Island where we can take advantage of the innovations offered by this discipline. Both in architecture and in medicine, there are many opportunities that we can take advantage of. When we start with projects that are inspired by biomimicry, we will see how we will begin to evolve and see improvements in the country.

The way we plan our doing our research is by using trusted sources that people have done their research on. Mainly these sources would be found in Google. Google is what we are mainly going to use, sometimes we will use YouTube to see more of a narrated version of our topic for this project. YouTube makes it easier to get a vision of what we are going to talk about and specify more what we are going to be stating. Google will be for more written reports about our topic and what people made from using the beehive patterns.

We divided our work in similar forms. My colleague and I will be using Google and YouTube. What we will be doing is both of us will search for information about our topic but in different websites or YouTube videos. This way whatever information we find we can collaborate about it and include in our project. This is what we will mainly be doing but me and my colleague will communicate each time we find information for our topic.