



# LUMENAIR

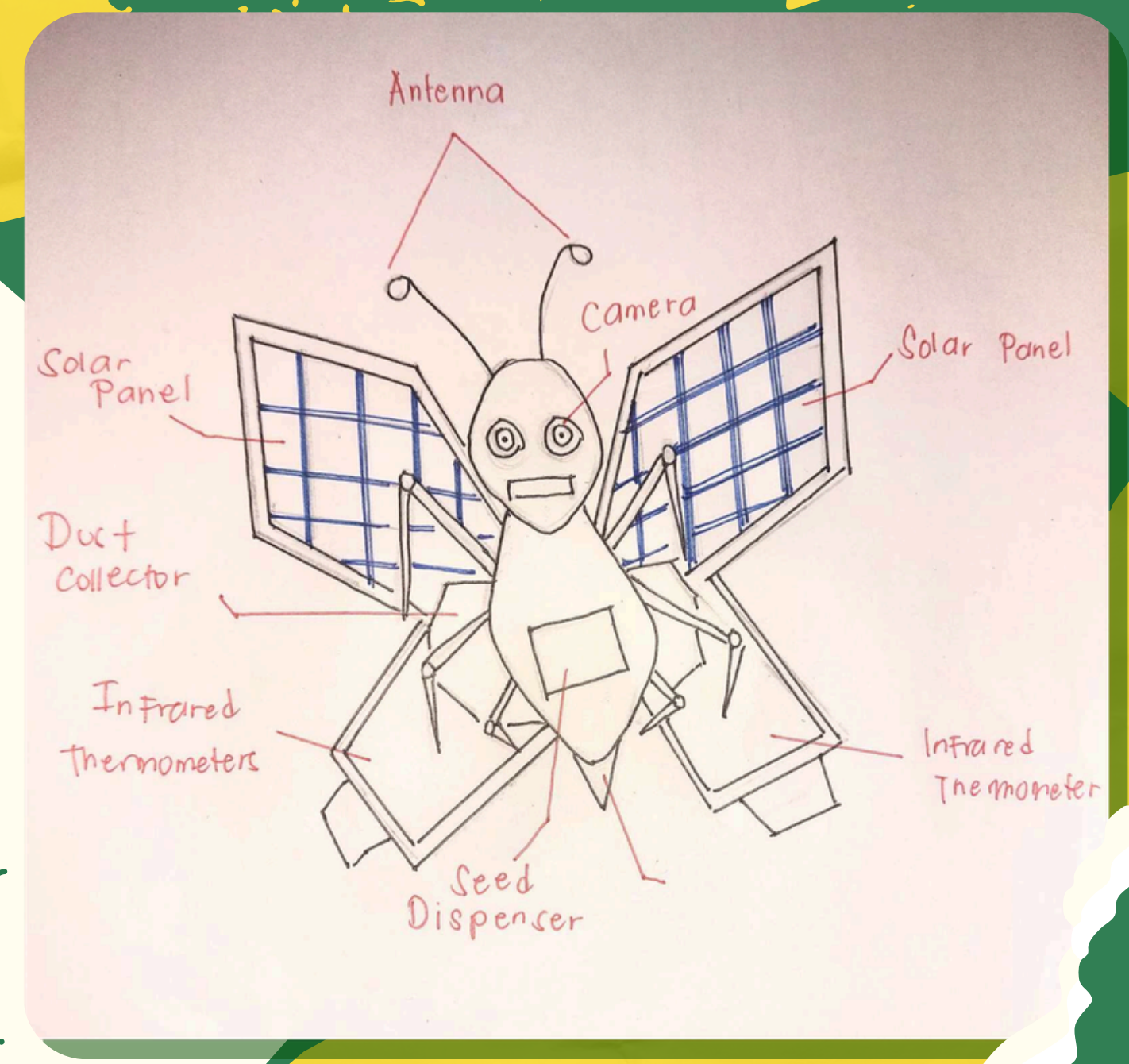
**The Guardians of the Atmosphere**

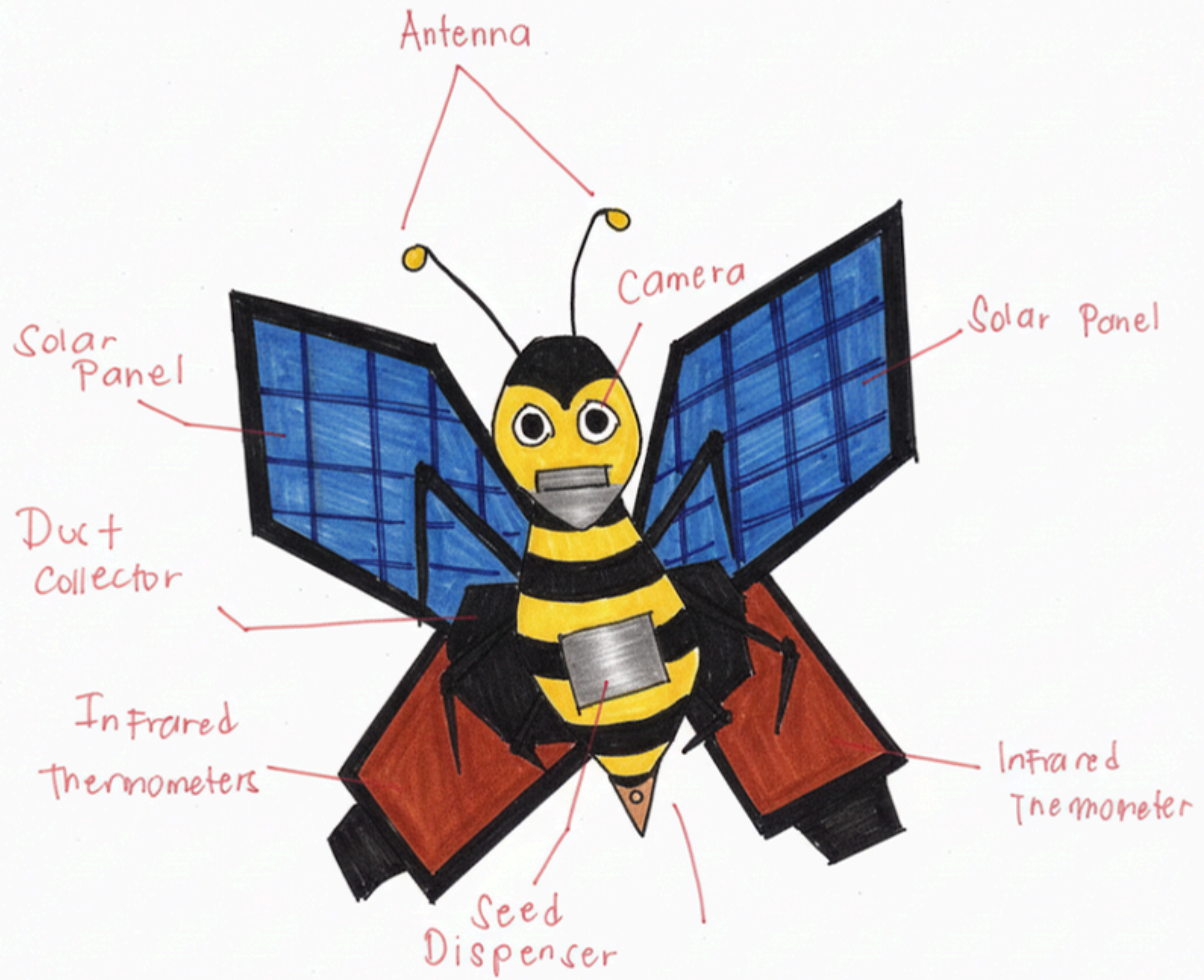
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# WHAT IS LUMENAIR?

LumenAir is a fleet of solar-powered flying drones that help heal the environment. They can plant trees and help heal the environment. They can plant trees and seeds in deforested areas, detect environmental changes like pollution or temperature shifts, and filter dirty air to make it clean again. Each drone runs on solar energy and works together through an artificial intelligence system to decide where help is needed most.





# SKILLS



- Can plant trees and seeds.
- Can detect environmental changes.
- Can filter air to make it clean.

# LIMITATIONS

- Can be disrupted by strong storms or electromagnetic interference.
- Needs constant maintenance to keep solar panels clean.
- Limited battery life in areas with low sunlight.



# GUIDE QUESTIONS

**1. Describe your technology. Which technological advances did you combine to form it? Why?**

LumenAir is a set of solar-powered drones that can plant trees, detect environmental changes, and clean the air. It combines artificial intelligence (AI), drone technology, and solar energy. I combined these because AI helps the drones decide where to go, drones can move fast and reach wide areas, and solar power keeps them eco-friendly without using fuel.

**2. Are there environmental or societal problems which could be addressed by your new technology? How?**

Yes. LumenAir can help solve air pollution and deforestation. It can filter smoke and dust from the air, making it cleaner to breathe. It can also plant seeds in damaged forests to bring back trees. This helps both the environment and people by improving air quality and restoring nature.

**THANK  
YOU!**

Giggling  
Platypus

