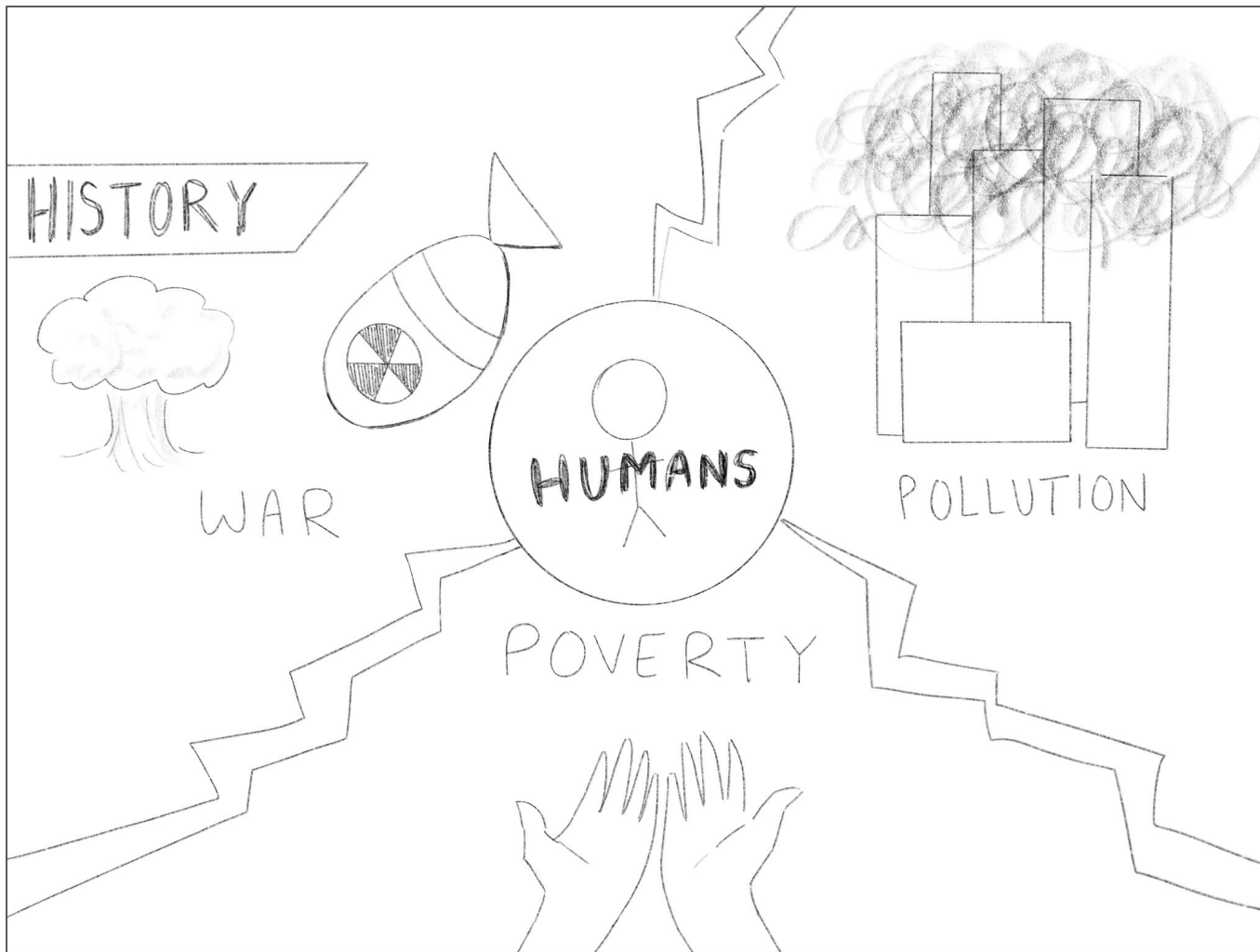


PVSC - Solar Future Narrative

Created by Jazmine Cordon and Stephanie Tran

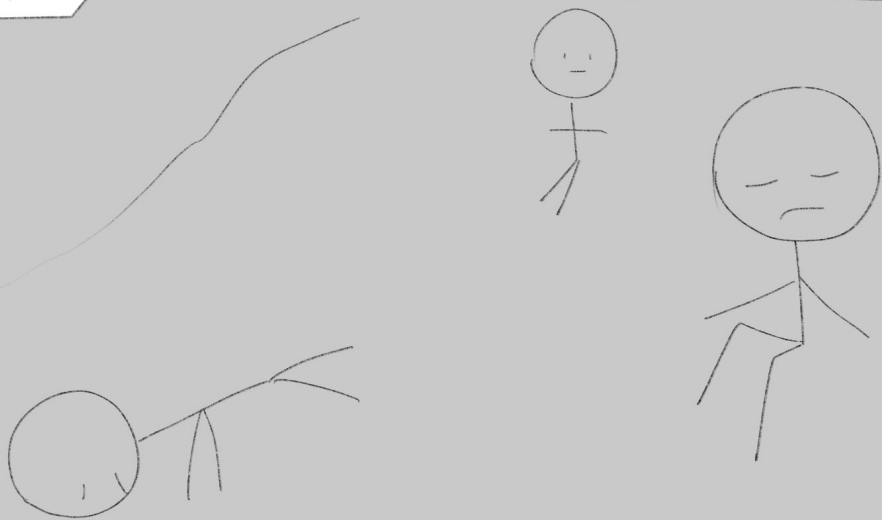


On TV, you watch the history channel reporting on events from 2040. Here information about humans and their effects are playing. Things like pollution, war, and poverty.



“Humans had messed up so badly that they needed to evacuate the surface of the Earth. They have been in these caves ever since and have many problems to deal with in such a lifestyle.”

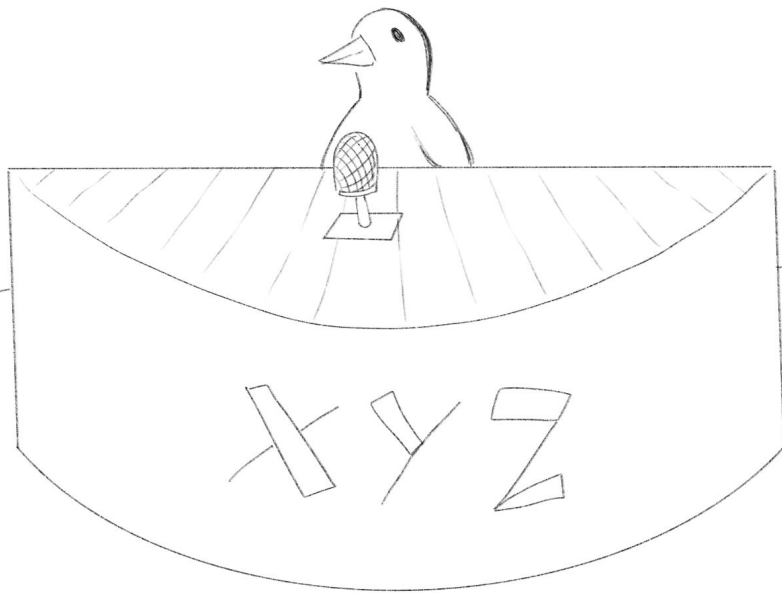
HISTORY



"We have recently made contact with these humans..."

You changed the channel to the news.

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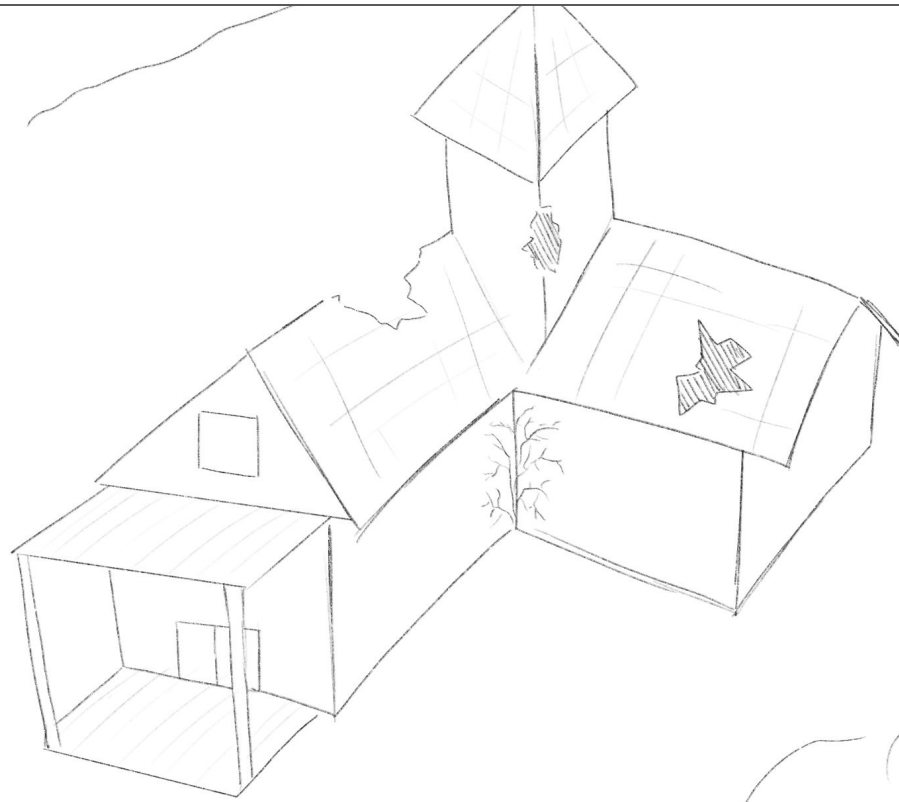
6:00 pm
3001 { JUN

“Welcome back to XYZ News! We have a special section today dedicated to technology in our modern society. We got a special interview from three leaders of very different environments on their renewable technology!”

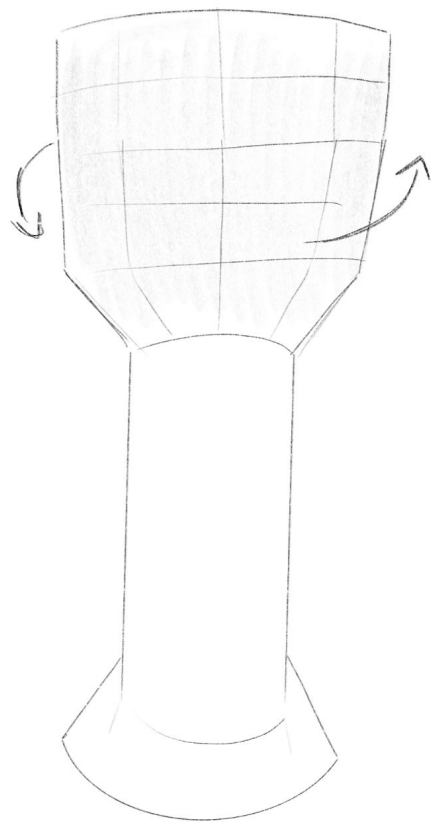
WOLF



“First, we have the forest leader. Wolf has been working on a very big project in their area and it’s solar. Though, with the environment there are issues with trees shading panels.”

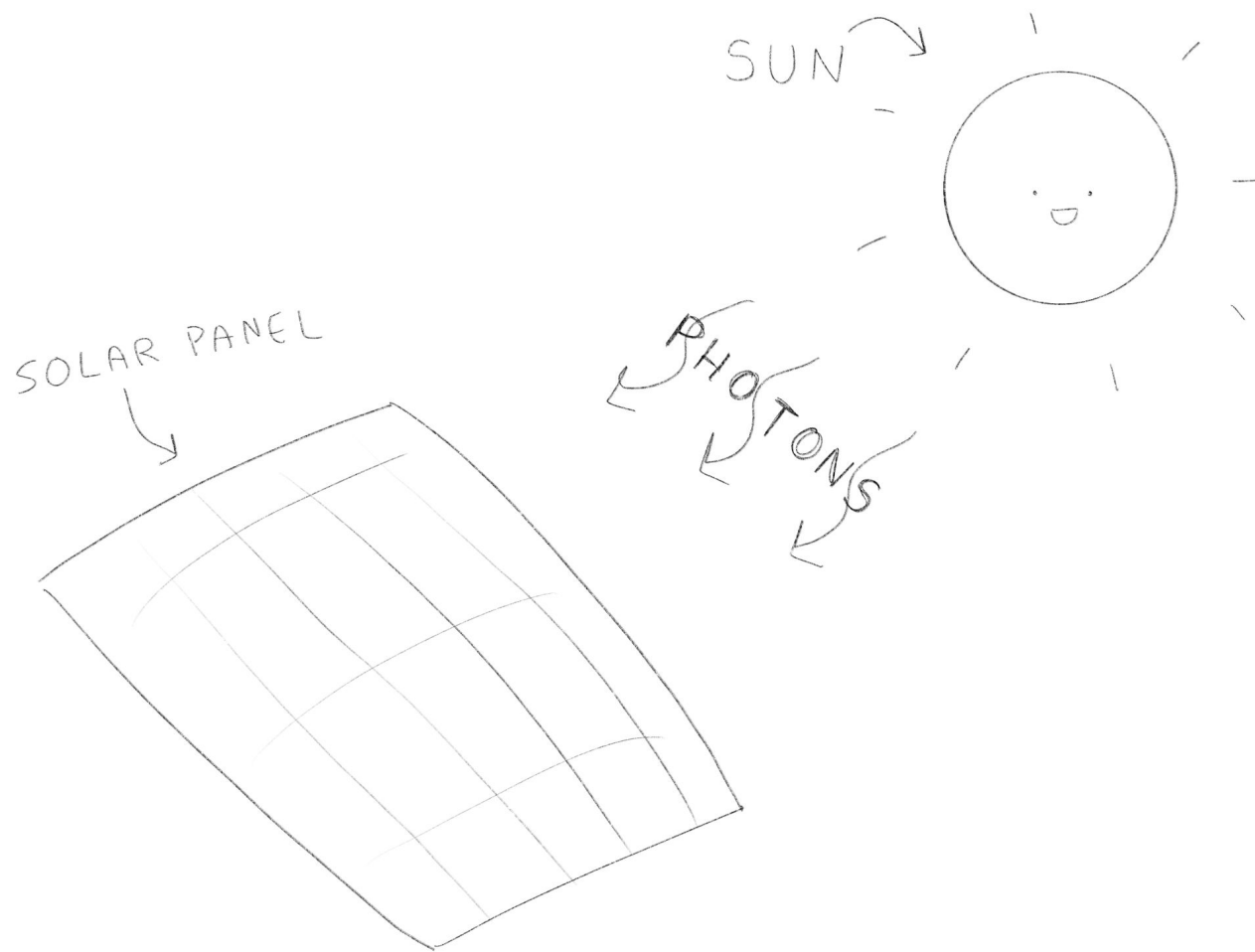


“To make better use of the land that had been abandoned for many years, the forest community decided to take apart this home.”



← taller
than any
tree shadows

“Over many years of work, they created an extremely tall solar energy collector that can even rotate!”



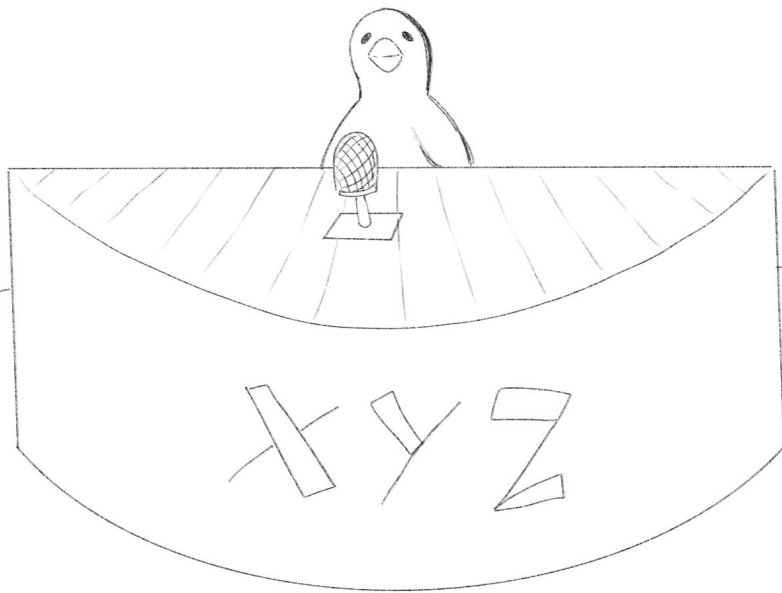
“This rotation is important because solar panels collect energy called photons from the sun. When solar panels are placed near other objects that create shade, the photons won’t hit the panel. This renders the solar panels useless.”



"faces the sun"

"Angles of the solar panels compared to the sun matter too! Certain angles increase the amount of photons a solar panel can collect. This is why the sun and solar panels should face each other."

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6:03 pm

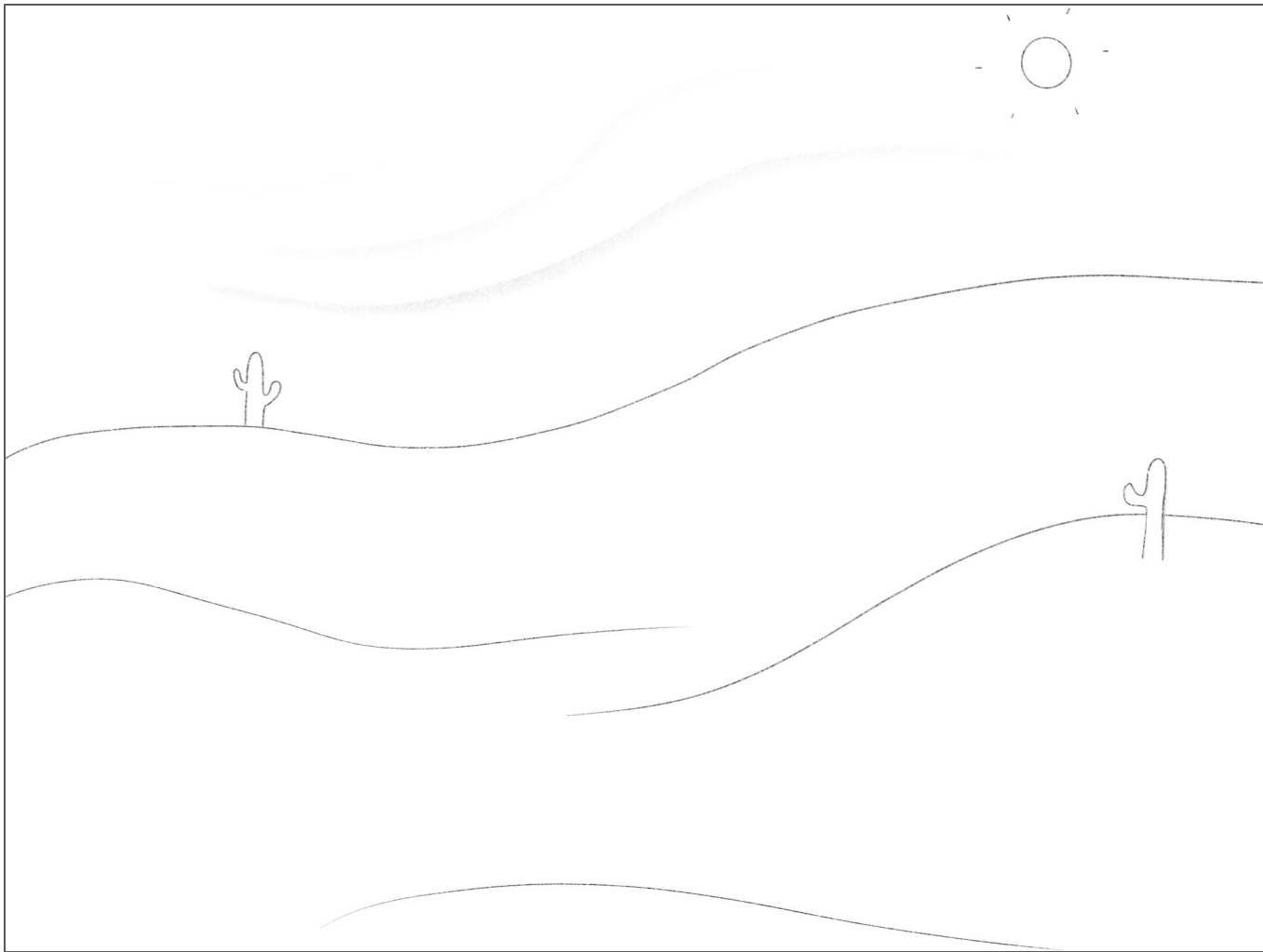
3001 { JUN

"This rotation concept is super cool! And the community coming together to make something so useful is inspiring. Our next story is from the desert!"

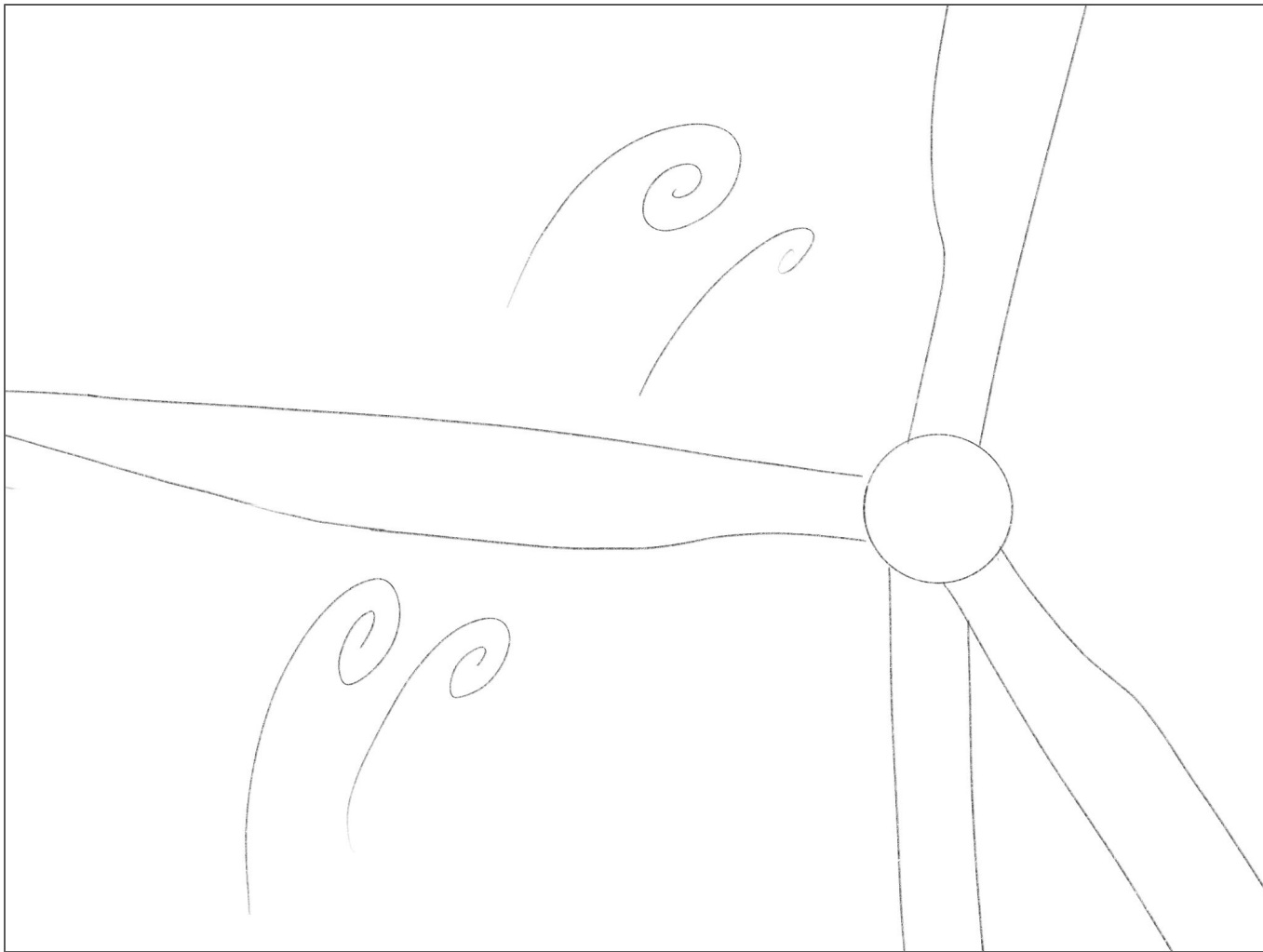


RATTLESNAKE

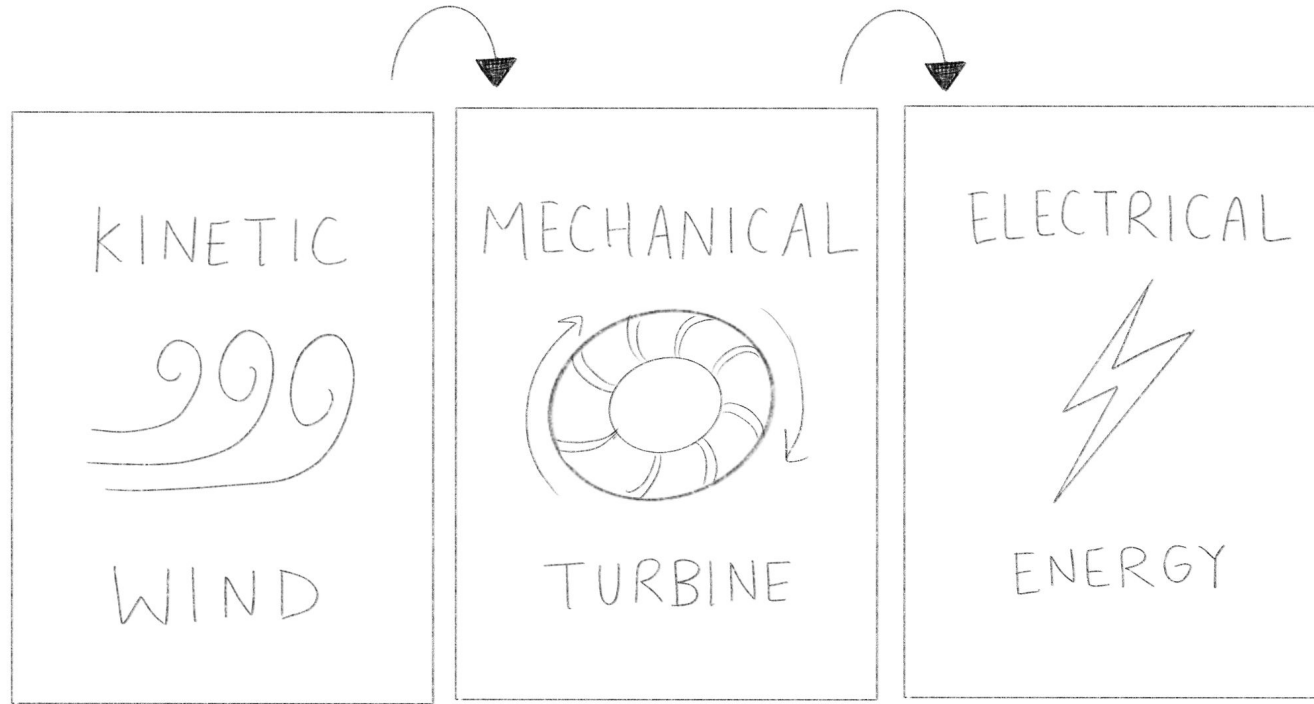
“Here we have desert
leader, Rattlesnake!”



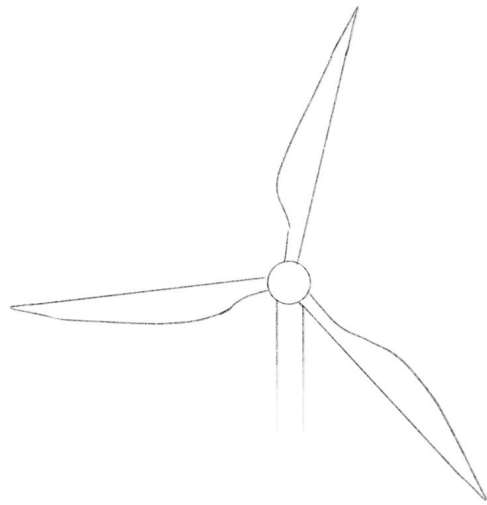
“With all of the space in the desert, there is an opportunity for energy collection.”



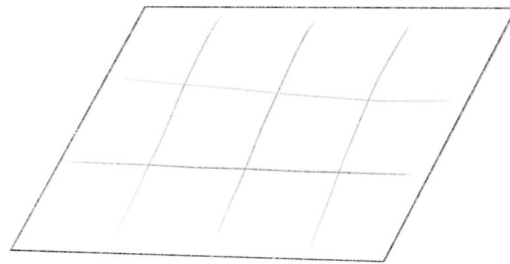
“Giant wind turbines can be used to collect the energy from all of the wind in this environment.”



“The process that makes these wind turbines useful starts with the wind, which is kinetic energy. Then transformed by the turning of the turbine into mechanical energy. The mechanical energy then turns into electricity we can use.”

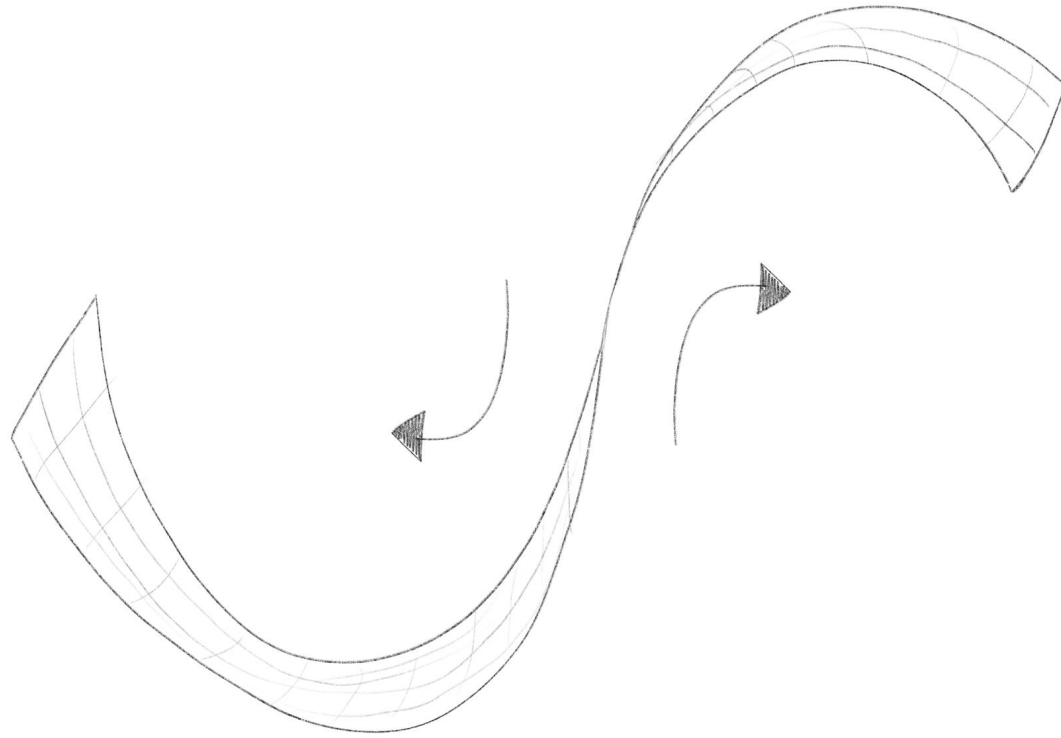


WIND

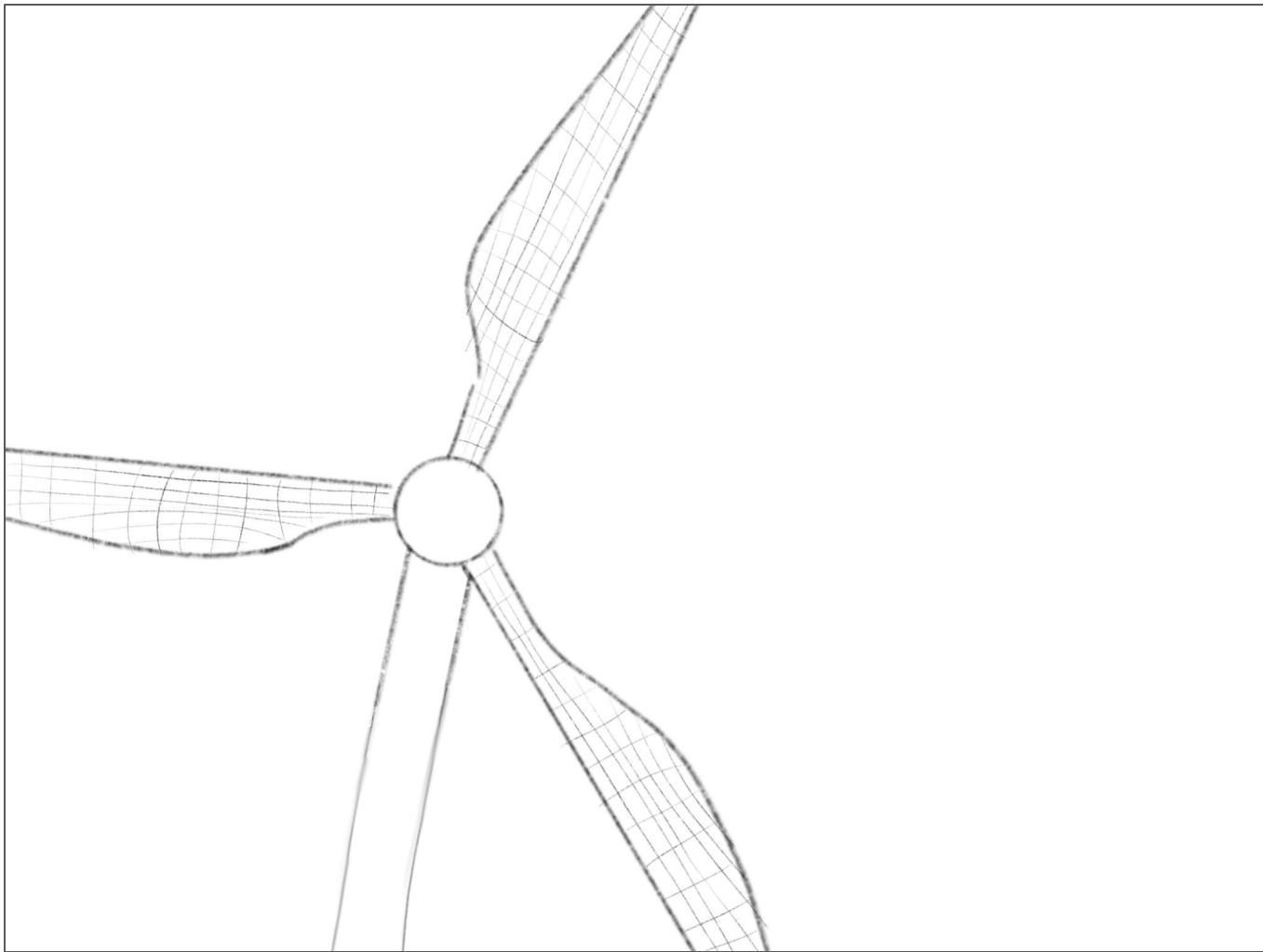


SOLAR

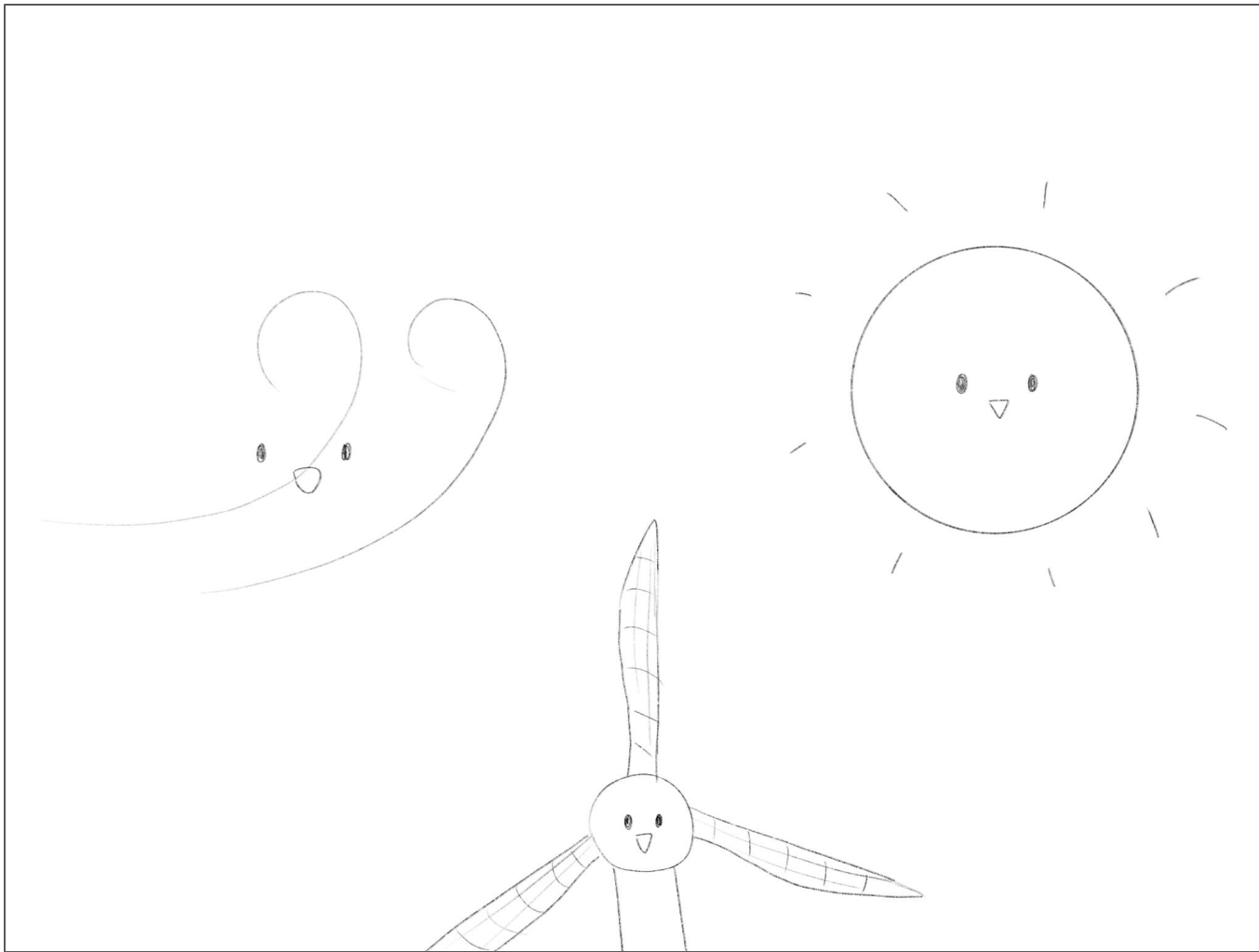
“An even further improvement from just wind energy alone is wind plus solar energy!”



“Energy efficient solar film has been made in a way that it can be flexible. This was then places over the blades of the wind turbine.”

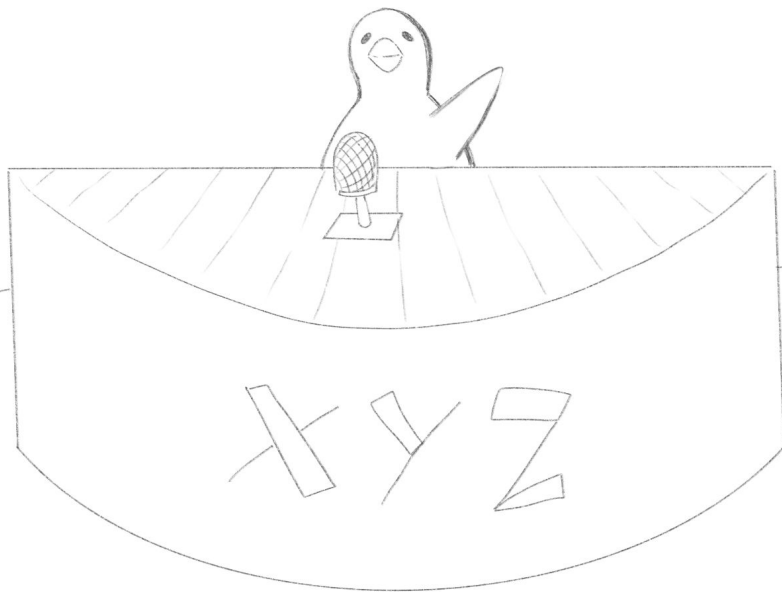


“While this super tall fan stands, it can collect two types of energies.”



“These types of renewable energies have limits being, when there isn’t any sun, a solar panel can’t work. Or if there isn’t and wind a wind turbine can’t work. But with the combination of the two, if one energy can’t be collected then the other could continue working.”

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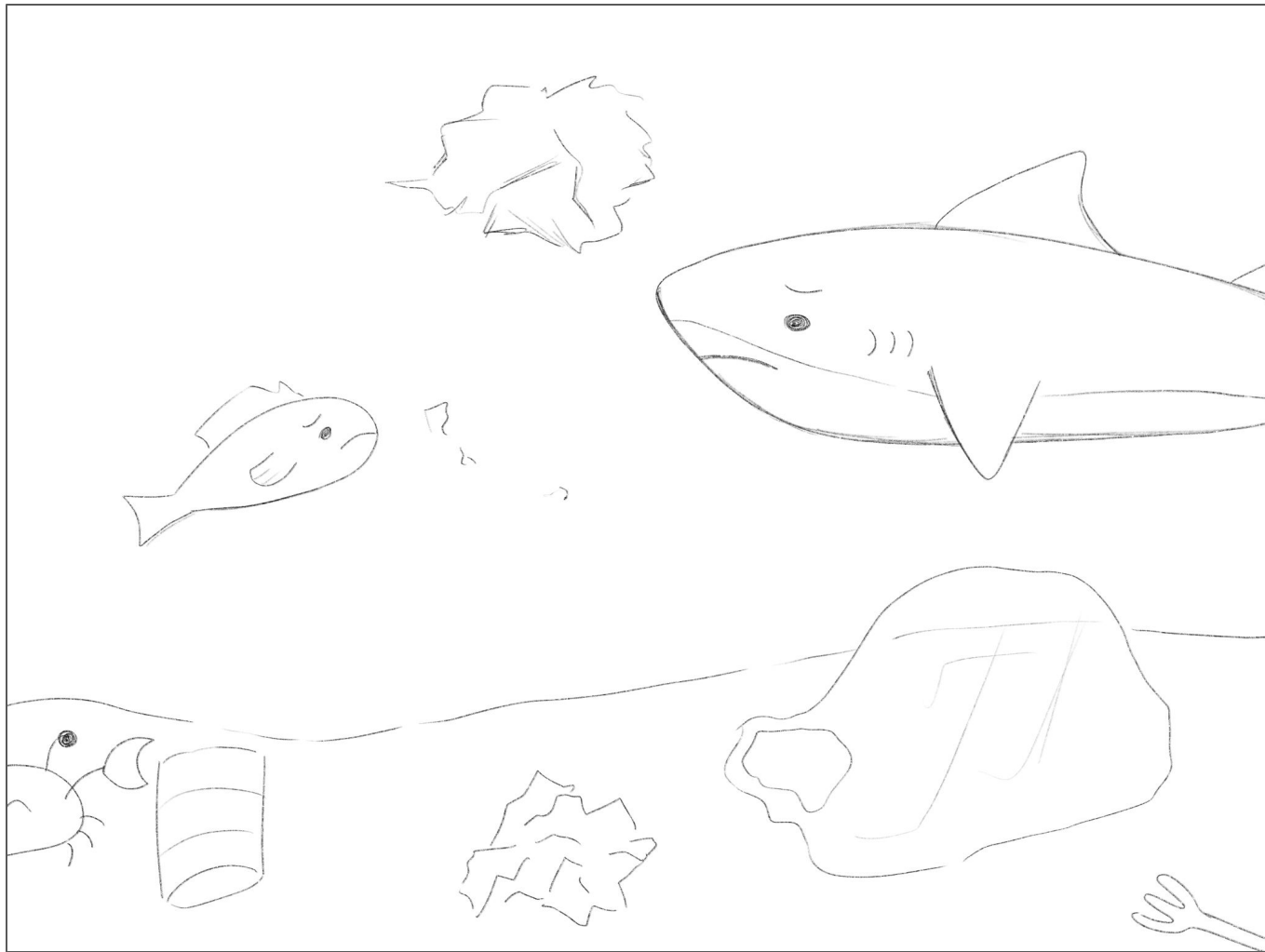
6:09 pm
3001 { JUN

"It's truly impressive to see combinations of great energy sources in the desert! Last, but certainly not least, our ocean leader!"

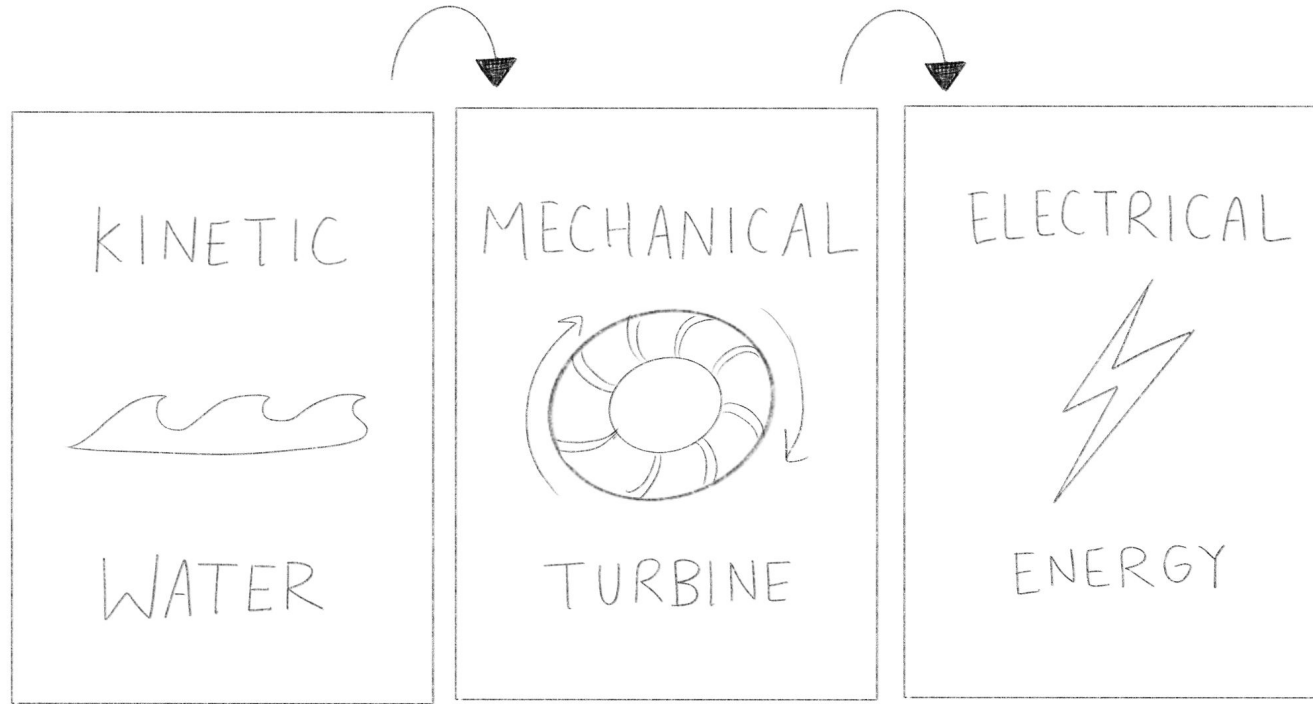
SHARK



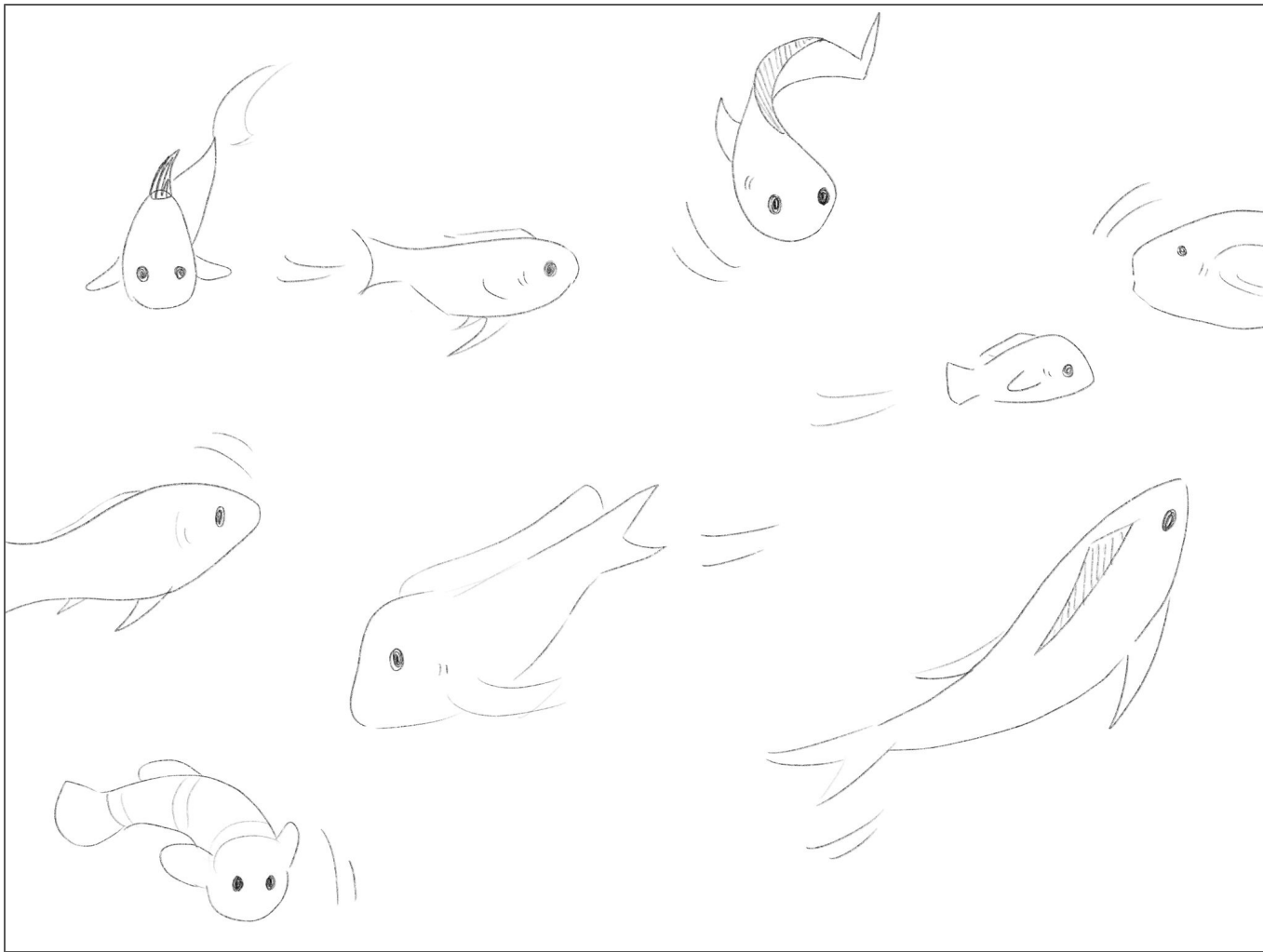
“The shark leader has been hard at work creating a system that will tackle multiple problems.”



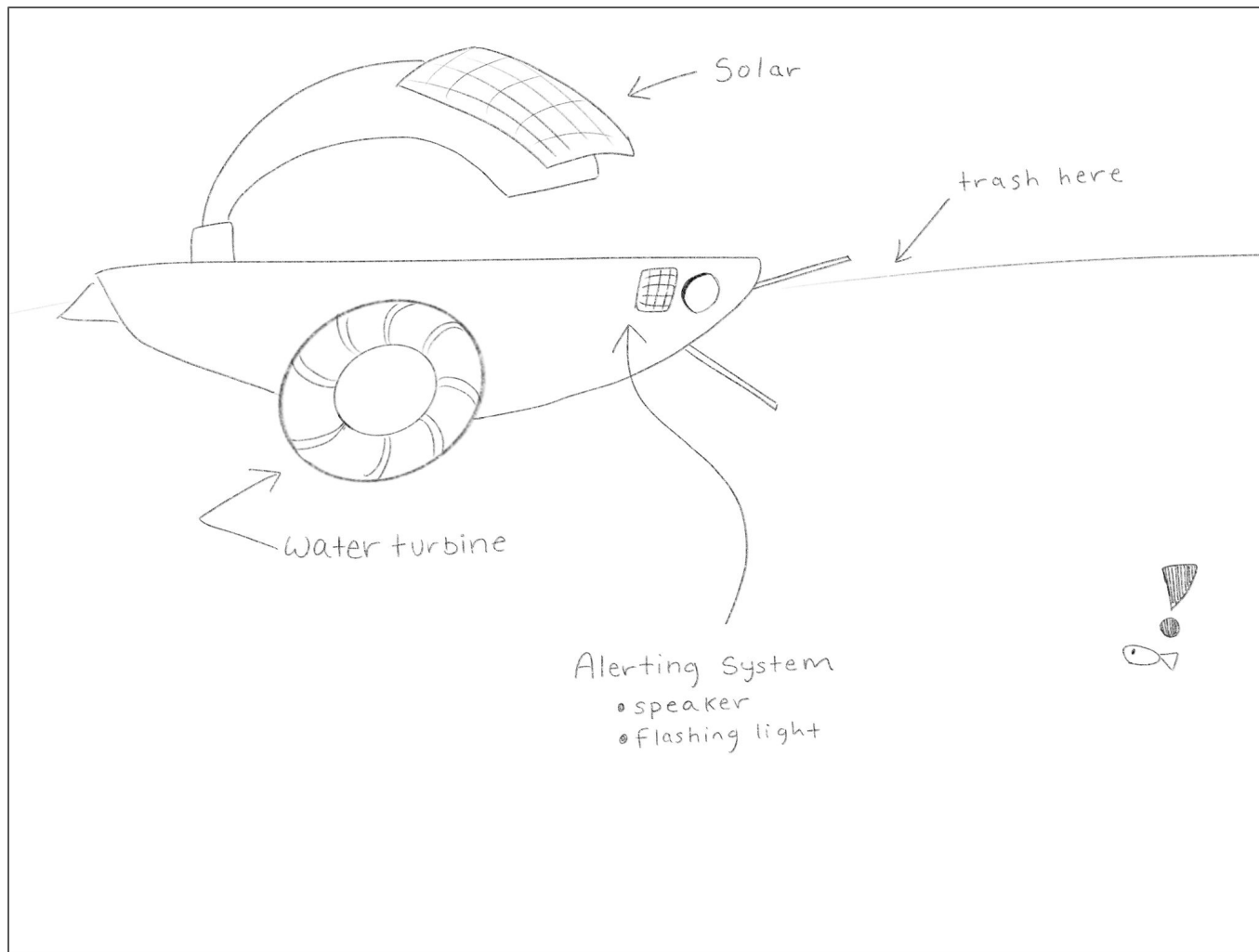
“A boat that collects garbage! Since humans have left the surface of Earth, there is still plastic and other garbage in the ocean. It’s not a pretty sight, and not good for health either!”



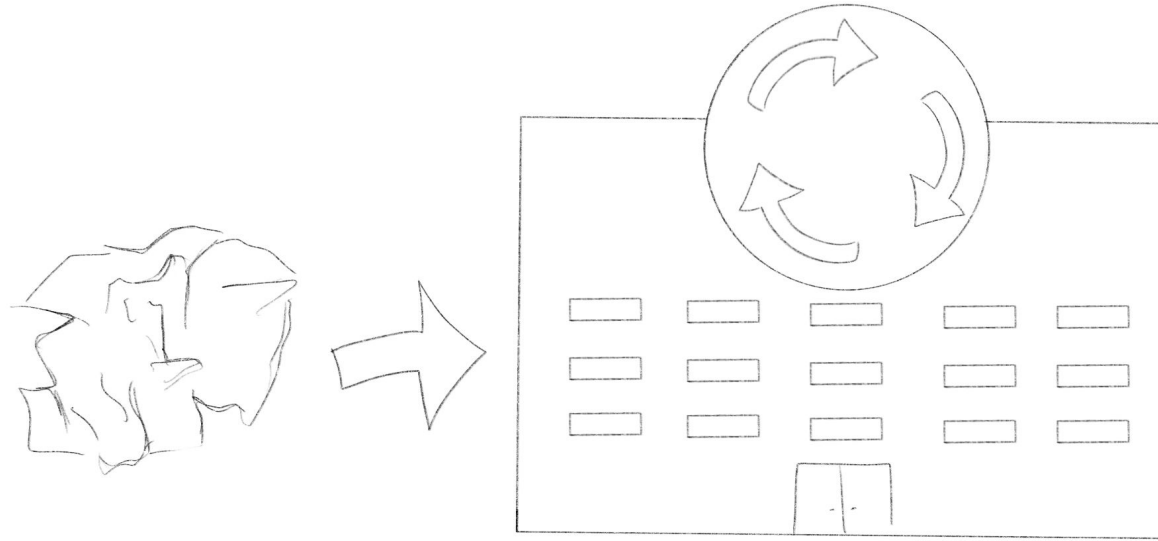
“Well this boat will be another combination of energies. Hydropower and solar! Hydropower uses the kinetic energy of the water and the turbine makes that into mechanical energy. A generator on the boat then turns that into electricity which powers the trash collector.”



“A big issue with a big collector that moves in the water, is fish traffic. We definitely don’t want the fish to be picked up like trash, so a system is needed.”

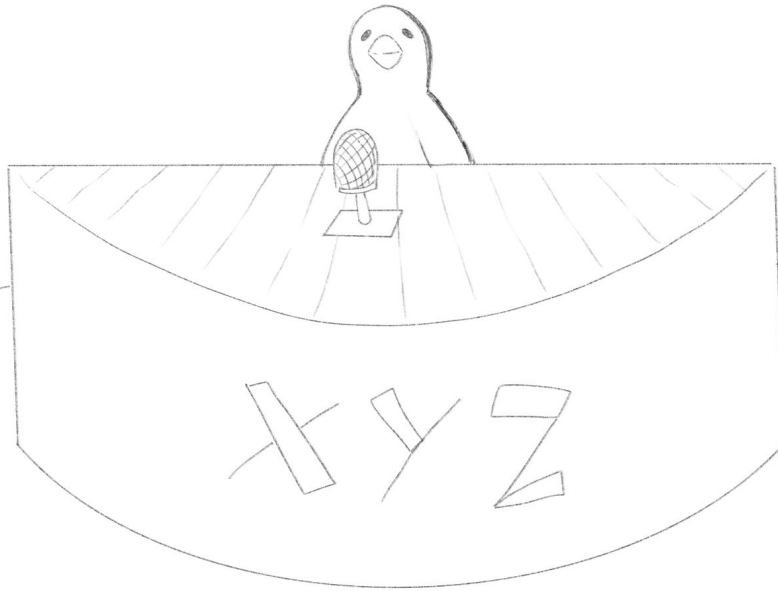


"In this community of fish, there is a system similar to a humans railroad crossing system. All fish are notified by light and noise when they come into the area of the trash collector."



“The plastic which is collected, along with other trash is taken to a recycling facility. Here, new building materials are made to better the lives of all animals and to continue fixing the environmental issues left by humans.”

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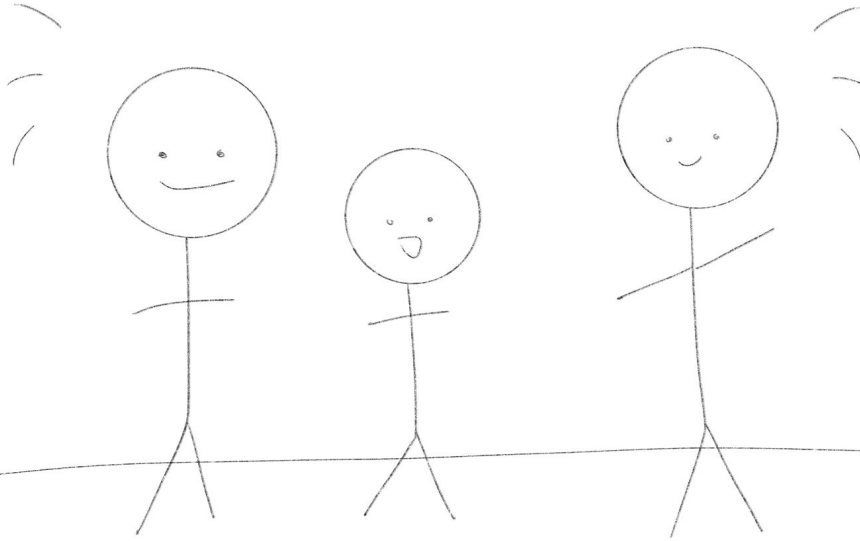
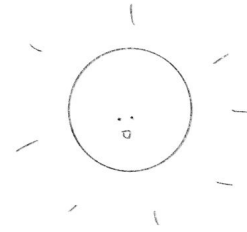


6:15 pm

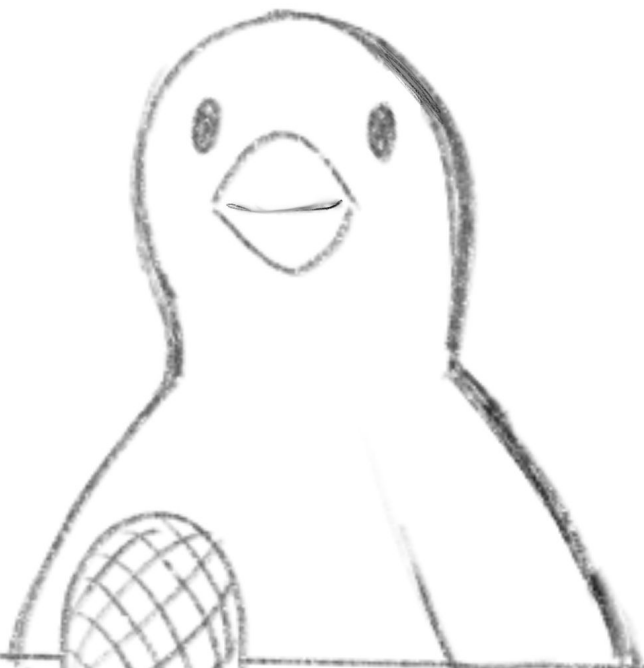
3001 { JUN

"This concludes our segment on the newest technologies of our world."

SUNLIGHT!!



“We know that the health of our Earth has improved since the humans lost power. But in other news, the humans which started to run out of supplies underground have recently come back up. They have become very active.”



6:17 pm

3001 { JUN

“The humans after getting adjusted to how the world is, are learning from their mistakes. They have a second chance at life on Earth with the improvements made while they were gone, and all of animal-kind hopes they don’t waste it.

