

# AMERICAN HIGH SCHOOL SCIENCE & ECO CLUB, FREMONT

MAY THE 4RS BE WITH YOU CONTEST 2022

## Our 4Rs: Recreate, Rethink, Reuse, Regrow



## Our (Re)Generation Action Story

My 4R's are Rethink, Research, Revive, and Reinvent. A lot of the work I do is around environmental conservation and climate literacy.

I think it is important to stop the decline in biodiversity as well as educate youth so our future can be more sustainable. We must rethink our current practices and systems—everything from energy to the clothing on our bodies. For a net-zero world, everyone must rethink the status quo and find more sustainable solutions.

We also should pour capital and effort into research. For more sustainable solutions, we must develop new technologies to battle old problems. Carbon capture, more efficient solar, and purple greywater piping are a few examples of innovative ideas that are the result of thorough research.

# STOPWASTE

We must revive our ecosystems. Anthropogenic activities, from deforestation to mining, have decimated critical ecosystems all over the Bay Area and the world, so the revival of those places is needed. Keystone and endangered species—the foundation of global biodiversity—must be preserved and protected for a more ecologically-sound future.

We must also reinvent. Our clothing can be repurposed, our bottles can be reused, and our old wood can be turned into compost. Instead of continuing a cycle of endless consumption, our society must shift to reinventing and reusing items.

I am a part of the (Re)Generation because I have been Rethinking, Researching, Reviving, Reinventing, and pushing these values into our student base at the American High School Science and Eco Club. I chose these 4Rs because they are vital to preserving our planet and mitigating the decline in our world's ecosystems. Individuals, companies, and governments must make the shift otherwise environmental degradation will continue.