Pick a subject matter that means a lot to you, something you have been involved with for several months or years, and describe the impact the activity has personally had on you and others.

I had learned Ap biology during the most severe period of COVID. During the class, I learned how the virus get into our cells and use our ribosomes to make its own harmful copies, and how the immune system response to these infected cells and virus.

But what really triggered me to learn more about this virus was the explosion in Indian. One of my father’s friend’s son had got COVID last year. Due to the poor medical care in Indian, he had asked if my father can bring him a ventilator from here. But very unfortunately, after several months against these viruses, he still passed away. I feel really sorrow to his family and him, and I was also questioning myself why so many people died during the COVID.

After studying one of the articles on Scientific American, I learned how efficiency the newly invented technology used in Pfizer and Moderna vaccine. Unlike the old version, these mRNA vaccines can direct go to our ribosomes to make the strikes without macrophage. This way it is much faster than ever before.

Although these vaccines can save our lives, there still some people who against vaccines, think they can only cause negative symptoms, so me and my friend created a biology club, called Ezbio, in our school to educate other people how the vaccines work. It is very meaningful to me, and I hope more people can learn how to keep safe from COVID after watching our videos.