

Great Writing Application

An example so you too can get your writing on the SA website :)

Name: Heera Rajavel

Grade: 12

Subject of Writing: The Biology of Climate Change

Type of Writing: Scientific Investigation

School: Skyline High School

School District: Issaquah School District

Submitted: April 2020

Focus: Describe in one sentence what you wrote about

Carbon emissions caused by reliance on unsustainable energy practices causes biological harm—this investigation explored whether or not there would be a significant correlation between a country's carbon emissions and average life expectancy, outlining how one country's actions could affect the global community.

Inspiration: What was the inspiration for this piece of writing? Who were any sources?

My investigation was inspired by the theory of the triple bottom line: the intersection between social, economic, and environmental systems. Rather than explore all three, however, I tried to see the relationship between the social—the health of humans, and the environment—average carbon emissions. It is clear that climate change poses a significant threat to Earth's biological organisms through the destruction of their environment. However, it was unclear to me if climate change posed a significant threat to humans. Humans live in manufactured, self-built ecosystems, partially removed from Earth's ecosystems, I thought. Would carbon emissions still negatively affect human health?

Personal Reflection: How did writing this piece change you; your outlook, your knowledge, your skills? What went well? What didn't go well? How would you improve your writing if you were to do it again?

By writing this investigation, I gained more insights into what it meant to be a global citizen. More specifically, because I saw that climate change through carbon emissions affected all citizens around the world equally in terms of average life expectancy, I left feeling a sense of unity in the fight to end climate change. Additionally, I got to practice my skills writing academically and knowledgeably, increasing my expertise in those areas. I feel like this is one area that went well for me. However, when writing this, it took me a lot of time to find the specific pieces of evidence that I needed—I was writing on a very niche topic that needed credible sources. In this process, I got lost in a plethora of scientific

articles in sources. In the future, I need to remind myself to have tunnel vision for the evidence that I needed and to explore the other scientific articles later in order to save time.