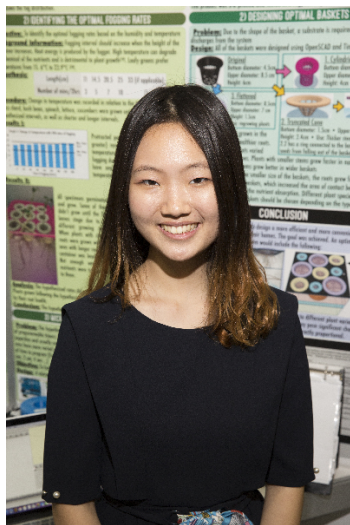


CWSF 2019 - Fredericton, New Brunswick



Hajeong Seo

Fog On, Fog Off

Challenge: Resources

Category: Intermediate

Region: Montreal

City: Montreal, QC

School: Académie Royal West

Abstract: Did you know you could grow plants using fog? This method produces plants that are actually much healthier for you and more environmentally-friendly than the ones you buy in a store because pesticides are not needed and a minimum amount of water and nutrients are used in the process. However, the technology is very new, and there are a lot of problems to be solved.

Biography

Since I was young, I was exposed to Mother Nature, and I always thought that I had to preserve it as much as possible. That's why I loved doing volunteering activities such as picking up the garbage along the sea shores. Last year, I found out about an environmental leadership program called C-Vert that I took a part in. During my summer internship, I got a chance to see an urban agriculture lab, and it opened my eyes to alternative agricultures. One of the most memorable technology they had was hydroponics system, where they were growing strawberries. I was fascinated about how pretty it looked and I was surprised that plants can grow without soil. That's why I looked more into it and found out about the topic of my project, which is the fogponics, where you use fog to grow plants. It is known to be one of the most efficient ways of agriculture, and in the future, I would like to make a larger scale of agriculture. My advice is that complexity does not equal quality, and no matter how good your project may be, if you can't communicate it, it's nothing.

Awards

Value

Excellence Award - Intermediate - Silver Medal Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 000