

Stage 3: Imagine

One sheet per group

Due May 29th

1. Overview of your solution and why it will solve your problem?

Our solution is to mass produce a highly nutritious “superfood” that is cheap and light enough that we can easily distribute it globally. The goal of this food is to help fix world hunger. It will work because if its nutritious, filling, and easy to access, then people can live off it and survive and gain the nutrients they need. We could maybe produce it in different flavors to help add variety.

2. Detailed description of the solution

Our solution is to create a superfood that can provide all the necessary nutrients needed for a day. We will make it cost effective as well as easy to mass produce as a whole. We will do this by making a powder of sorts that can be mixed with water to create a drink with all the necessary nutrients a person needs to survive in a day. We will also produce a few different flavors to break up the monotony that would come from eating the same food over and over for survival.

3. Your action plan: What needs to happen for you to be able to pitch your product

We will first research all known superfood nutrient options. We will then try to have a comprehensive understanding of the nature of these products in order to better create a new alternative. Next we will research the environmental imprint of these other companies and try to limit this in our own production. Next we will use this research and knowledge collected and make our own prototype nutrient alternative. We will then devise a plan for production and distribution of these products in order to limit our exploitation of our planet. We will then demonstrate and present this product to our peers in order to get feedback about our product.

4. Email to virtual mentor

amrita@iiserpune.ac.in

Dear Ms. Harza,

We are a group of three students at San Marin High School in Novato, California. We are currently working on a project for our STEM Biology class. Our assignment is to research a world problem and develop a possible solution for it.

My group chose world hunger and our solution is to produce some kind of “superfood” filled with nutrients. We want it to be cheap and light enough to distribute globally.

In our research, we learned about your “Millet Project” and are curious about it. We have a few questions about it that we would like to ask you in order to help us better understand your work and apply your techniques to our work:

What inspired you to create the Millet Project?

What work did you do in order to fund and promote the project?

Are you still working on the project? If so, how does your current work and research tie into it?

We also have a few questions about our project that we would like your perspective on:

What is the best approach to creating a cheap “superfood”?

Would a powder supplement mixed into water to create a “superdrink” be effective enough?

If you can answer them, that would be greatly appreciated. Thank you for your time!

Sincerely,

Derek Dela Cruz, Daniel Ford, and James Wreden