

Stage 4: Plan

One sheet per group

Due May 31st

Detailed descriptions of the tests you need to conduct:

For each test- what is the test, the purpose, general procedure, and what is needed to conduct it

1) Research how foods are developed: Derek

The important numbers we need to find are the required nutrients an average human needs and how to insert this number in a food. After figuring that out, we need to figure out what kind of food we'll be using (bar, powder in drink, etc.) and how many times someone must eat it. The main question is if this superfood will be a meal supplement or something like a vitamin supplement where it doesn't fill someone up but gives them the nutrients they need. The best way to do this is to first research foods and companies that have attempted the same thing and their methods of creation and distribution.

2) Think of a way to actually create the super food: James

We will be figuring out the best way to balance the macromolecules of this superfood to make sure that it gives all the necessary nutrients a person needs in their daily diet. We will find the best way to efficiently produce this substance and also make sure it has an extremely low environmental impact. We will make sure of this by researching the best way to put macromolecules into a substance that can then be converted into something that can be consumed, almost like a macromolecule milkshake. We will also research the environmental impact of companies who have attempted this in the past.

3) Present final idea to class and get advice back from peers: Daniel

We will attempt to make samples of the product for our peers. This way they can first have feedback of the experience of the product. The feedback will be in the form of a multi-question comprehensive scale survey on google

classroom. Second we will present our recipe and its reasoning as well as its advantageous in the market. This presentation will be done through google slides. We will go into the second part of the presentation being the explanation of the green eco friendly method of production and distribution. This will then lead us to our final point being the effect on our problem of world hunger and pollution due to food shortage and manufacturing in our society. This will give closure to the presentation. We will then give answers to any questions our peers may have.

If you are building then conduct and have data