

Key Features

Simple

After the initial setup, all the stakeholder has to do is watch their plants grow!

Lightweight

HydroGro 2.0's plastic construction allows for easy transportation and assembly

Automated

The use of a timer and pump system limits the maintenance required on the part of our stakeholders.

Collapsible

HydroGro 2.0's three tiered system collapses allowing for easy mobility. Its collapsibility allows it to fit in a small area.

Section U

Team Members

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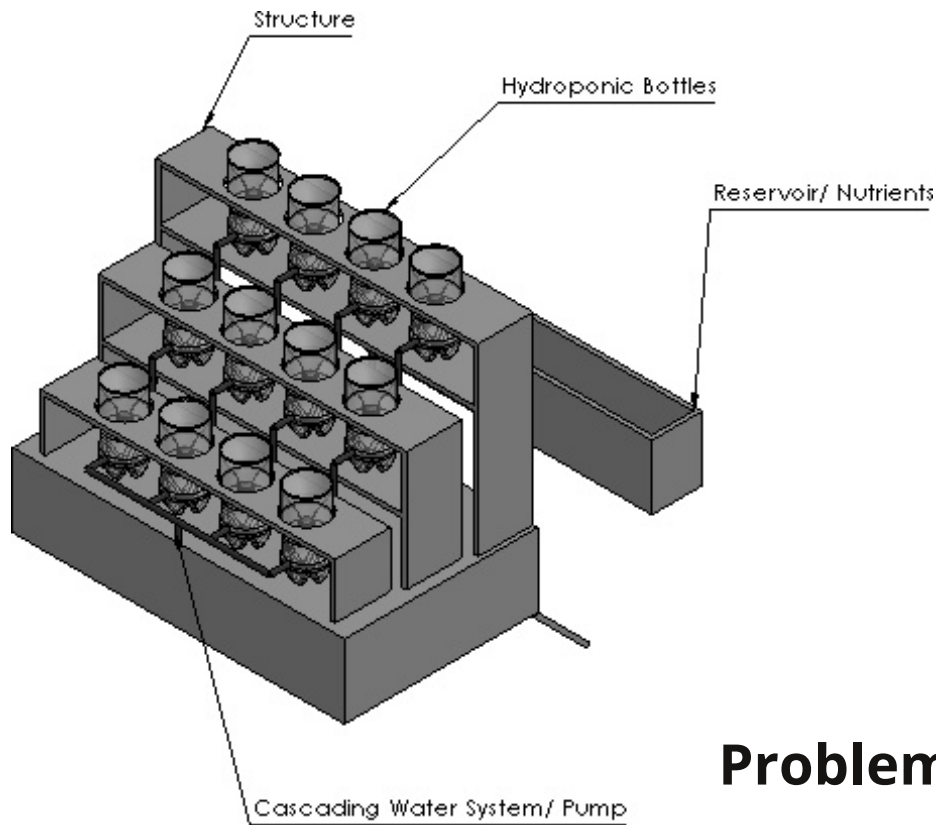
HydroGro 2.0

by



Science With Style

Informational Brochure



Stakeholders

65+



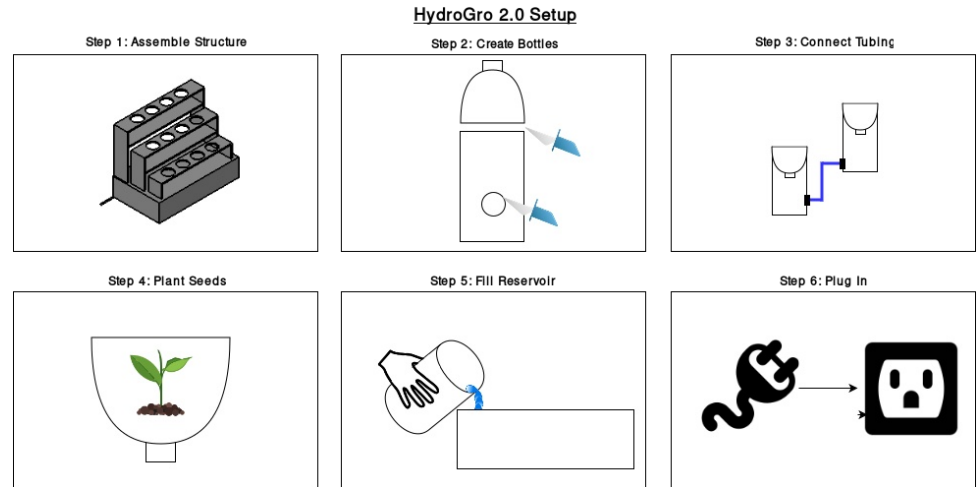
Our team designed HydroGro 2.0 for English and Spanish speaking Wheat Ridge residents over the age of 65.

Our final product will feature a lightweight, plastic structure which will be easy to lift. Additionally, the use of a timer and pump system limits the maintenance required on the part of our stakeholders.

Problem Statement

Our goal is to empower English and Spanish speaking Wheat Ridge residents over 65 years in age who live in food desert regions and rely on food stamps to utilize a self-sustaining plant growing system. The majority of the HydroGro 2.0 will come pre-packaged for safe installation and use and will partially utilize materials that can be easily sourced in the Wheat Ridge neighborhood. The net cost will be neutral or better after a two years of harvest and will include features that consider the potential physical limitations of the target stakeholders.

Simple Setup



Production Cost

Total Cost:

\$148.23 - \$172.47+

Price of food without HydroGro 2.0
For Two Years

\$387.55 - \$655.50

Cost Savings After Two Years

\$215.09 - \$483.03