

Project #1 – Modular Succulent Planters

Introduction

In this project, you and your group will focus on solving the problem of decorating desk space with plants through the use of modular (in this context meaning reconfigurable) planters for succulent plants.

Checkpoints

- September 2nd – Plan of Research: This document outlines what types of secondary and primary information you would like to collect. It could include questions you want to know the answer to that could help you display the problem or develop design specs. If you plan to do a survey, you would include a draft of survey questions and a plan of how you would give it.
- September 8th – Draft of Strand A1: This document is a draft of the first part of Criteria A. The goal of this first strand is to describe an appropriate problem that leads to a relevant design opportunity. We will discuss this in class some and look at the IB Design Tech IA rubric for guidance.
- September 10th – Draft of Strand A2: This document is a draft of the second part of Criteria A called the Design Brief. Here you will highlight the goal of your design and outline the broad requirements and constraints. We will discuss this in class some and look at the IB Design Tech IA rubric for guidance.
- September 15th – Draft of Strand A3: This document is a draft of the third and final part of Criteria A called the Design Specifications. Here you will elaborate on the constraints and requirements outlined in your Design Brief with clear references to research. We will discuss this in class some and look at the IB Design Tech IA rubric for guidance.
- September 22nd – Initial Concept Sketches (Strand B1): This document will feature ~10 unique concepts that you and your group have come up with as solutions for this problem.
- September 27th – Final Draft of Criteria A: This will be a summative grade for the class where you take the provided feedback about the drafts you submitted for strands A1-A3 and work on a final version of Criteria A.