

Open Canvas

project : Sample preparation module

Project Execution

Project Execution	Problem Preparing samples off-grid without contamination. Toxic fumes that are released during sample preparation.	Solution Airtight sample preparation/storage module. Ventilation to carry away fumes. Spill proof material.	Unique Value Proposition Clean and easy sample preparation without having to access a lab.	
		Key Metrics Measuring the airflow. Feeling if any air leaks through the sides. Spilling harsh chemicals to see if it affects the building material.	User Profiles Target audience and early adopters Users of the 'big box' that have to prepare a sample for their experiment.	User Channels Having multiple experiments in the box that need sample preparation. Asking users for improvements.
	Resources Required Ventilator, airtight lock & tape, building material, retractable pipe, power cord, lamp, glass/plastic window, gloves, power strip for inside, ceramic paint Expertise: basic construction, power circuit, lab-user Hardware: drill		Contributor Profiles Contribution types and ideal contributors We will do most things ourselves. Someone that regularly prepares samples that can give the minimal requirements can be useful. Also a general handyman can help us out with the construction.	Contributor Channels Reaching out to experts (by mail) Making the design open-source.

Product

Community