



Walden - a new way to make behavioral research at the laboratory

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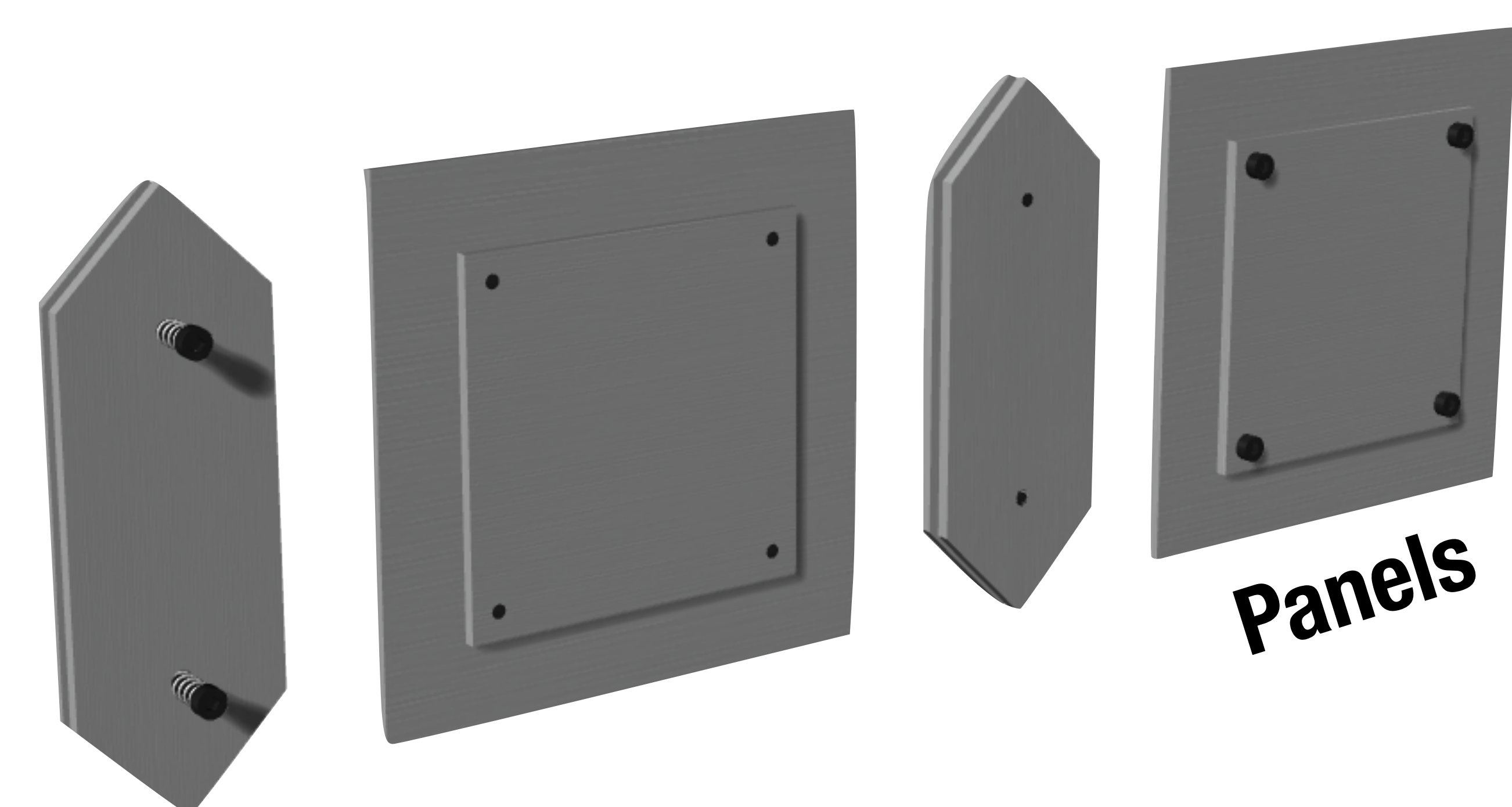


Introduction

There are many limitations in the third world countries to develop valuable behavioral research. Among them, the high costs of purchasing laboratory equipment and the lack of resources to support science restrict the improvements in this field. Due to this issue, many researchers have developed their own equipment to resemble traditional apparatus such as the Skinner box. Unfortunately, there are many experimental questions that cannot be answered with this device. Many studies that include the record of locomotion patterns, such as foraging behavior or spatial behavior are outside the scope. Besides monetary restrictions, other factors can interfere with the evolution of behavioral research. Between them, the absence of companies developing innovative equipment -at a low cost- to study the mechanisms behind the animal behavior and also the lack of flexibility within the equipment to adjust to specific necessities of behavioral researchers. A possible solution to this matter is "Walden".

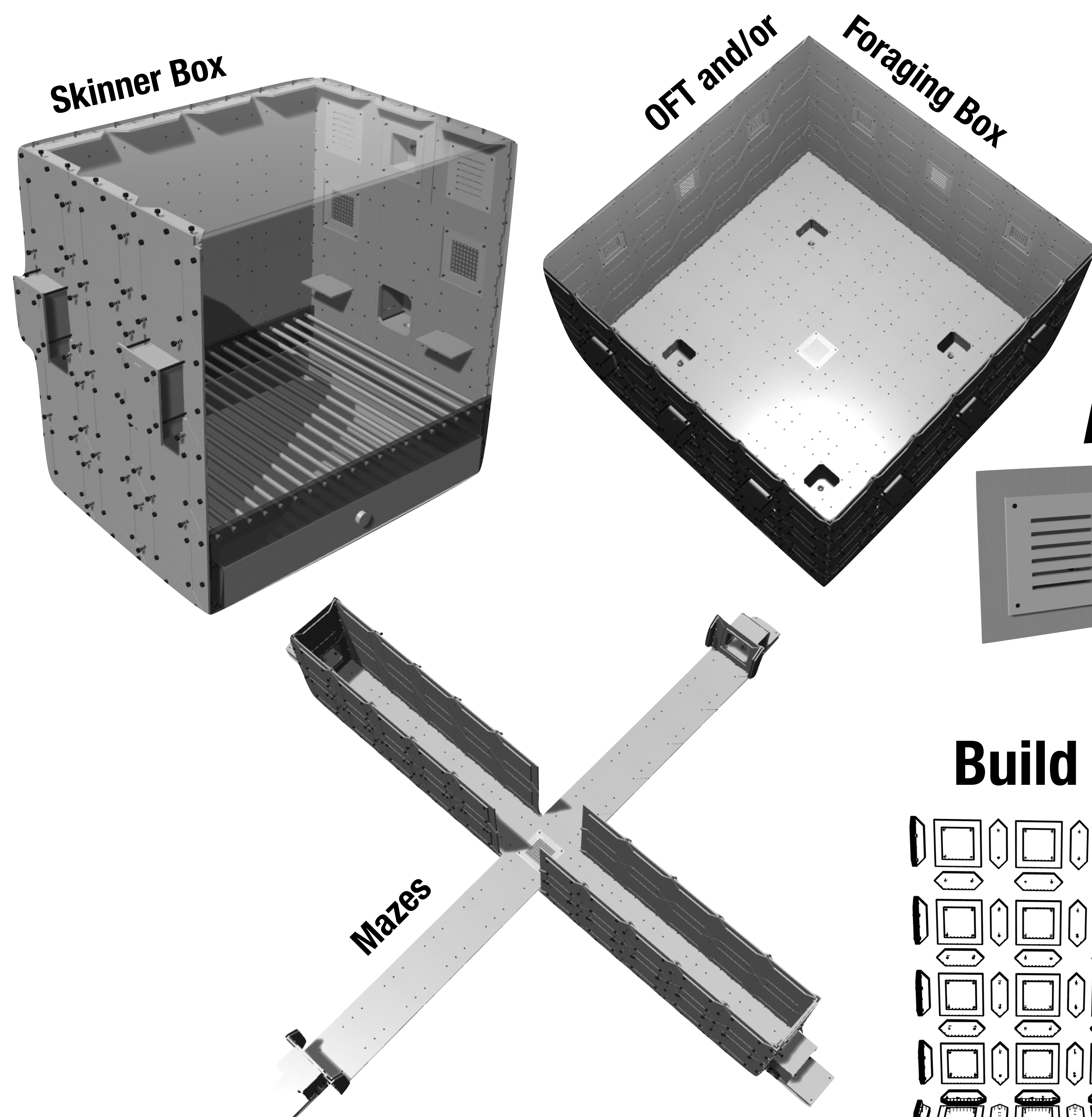
What is Walden?

"Walden" is a low-cost customizable modular equipment which allows behavioral researchers not only to replicate the traditional tasks used in behavioral research (e.g. Skinner box, Open field, and mazes) but also to create ingenious solutions by assembling the modules into a more personal and suitable equipment to answer their own questions.

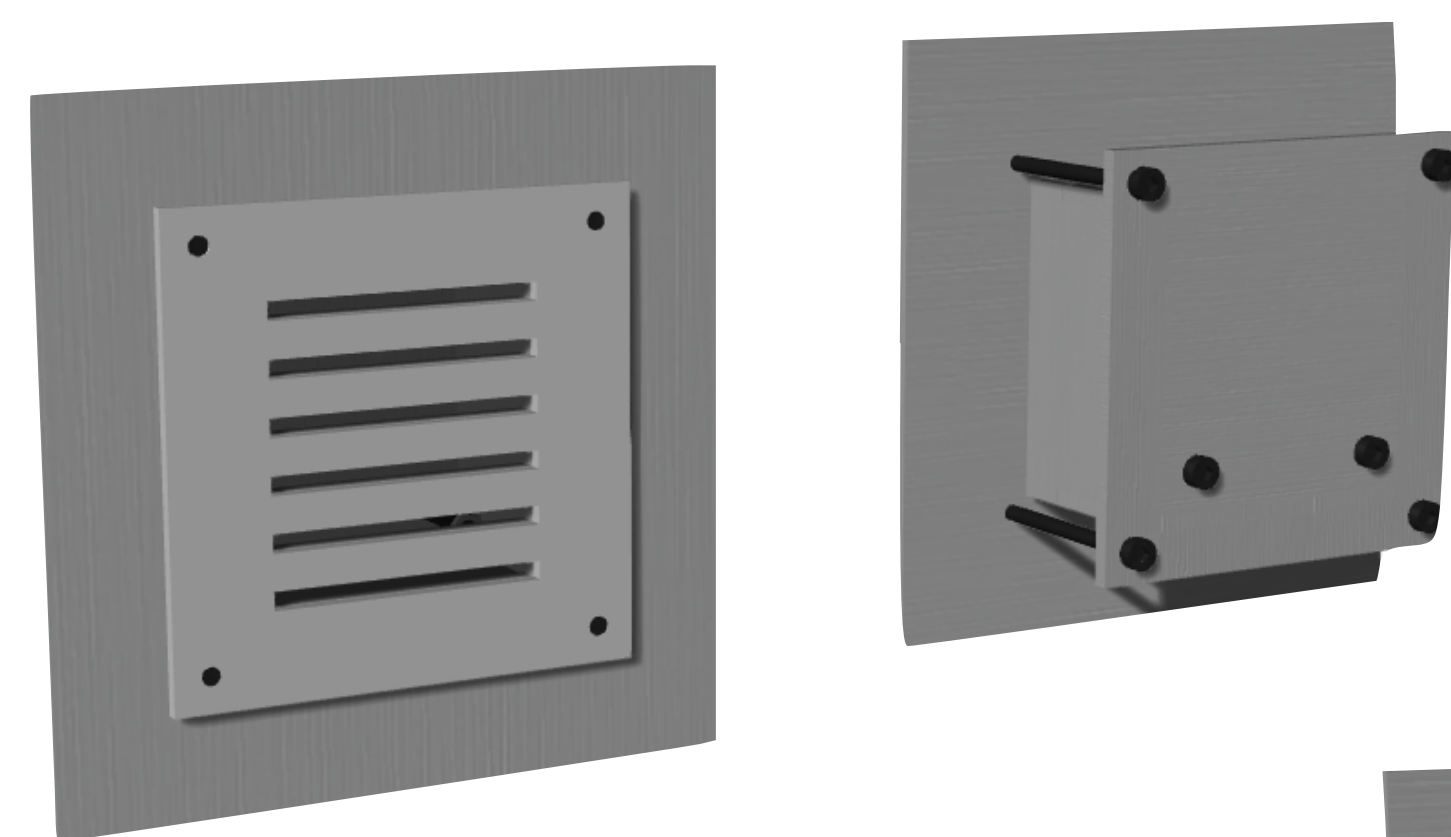


Platform

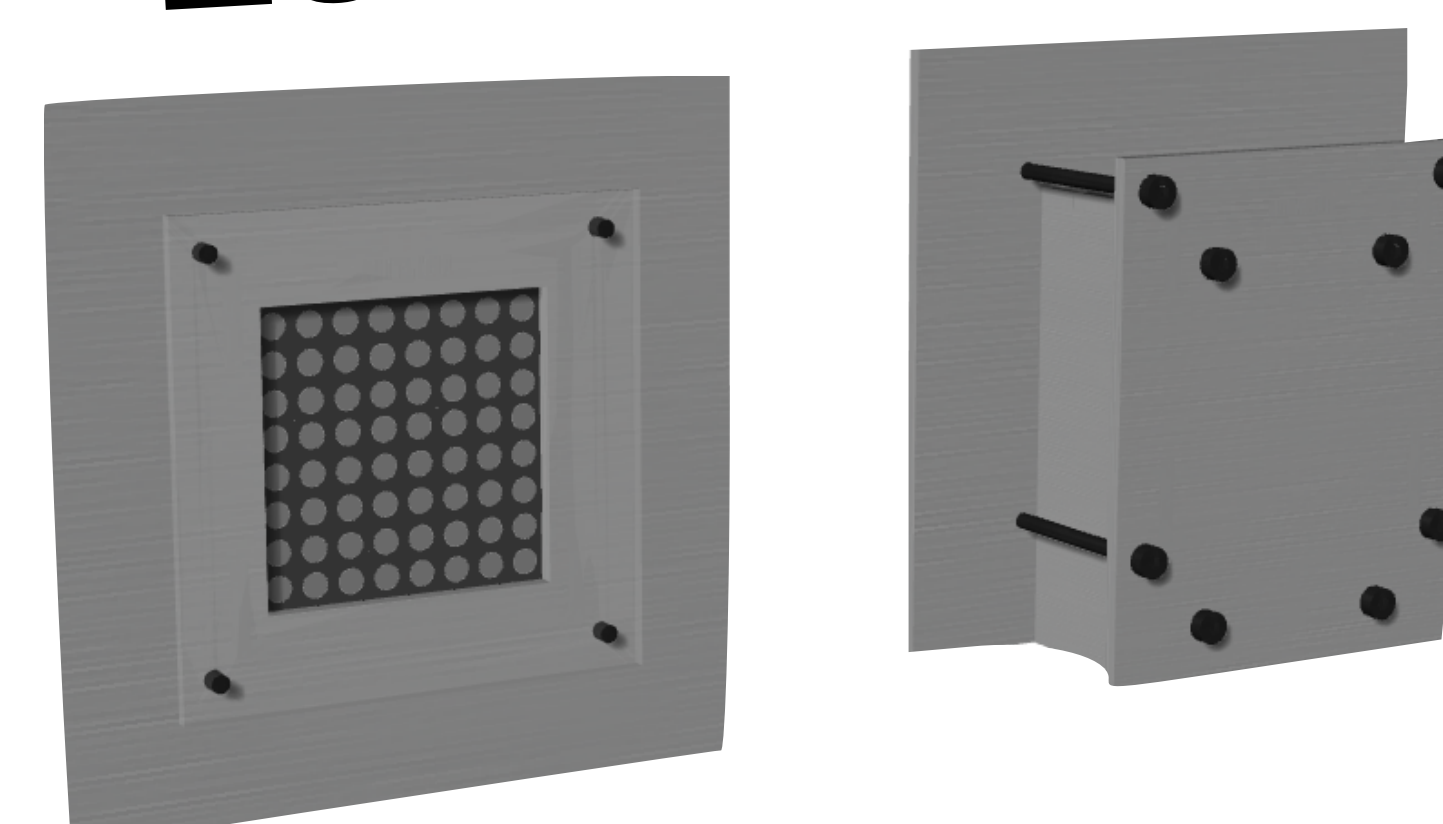
The Walden experimental equipment is composed of different functional modules that can be used to build multiple behavioral tasks



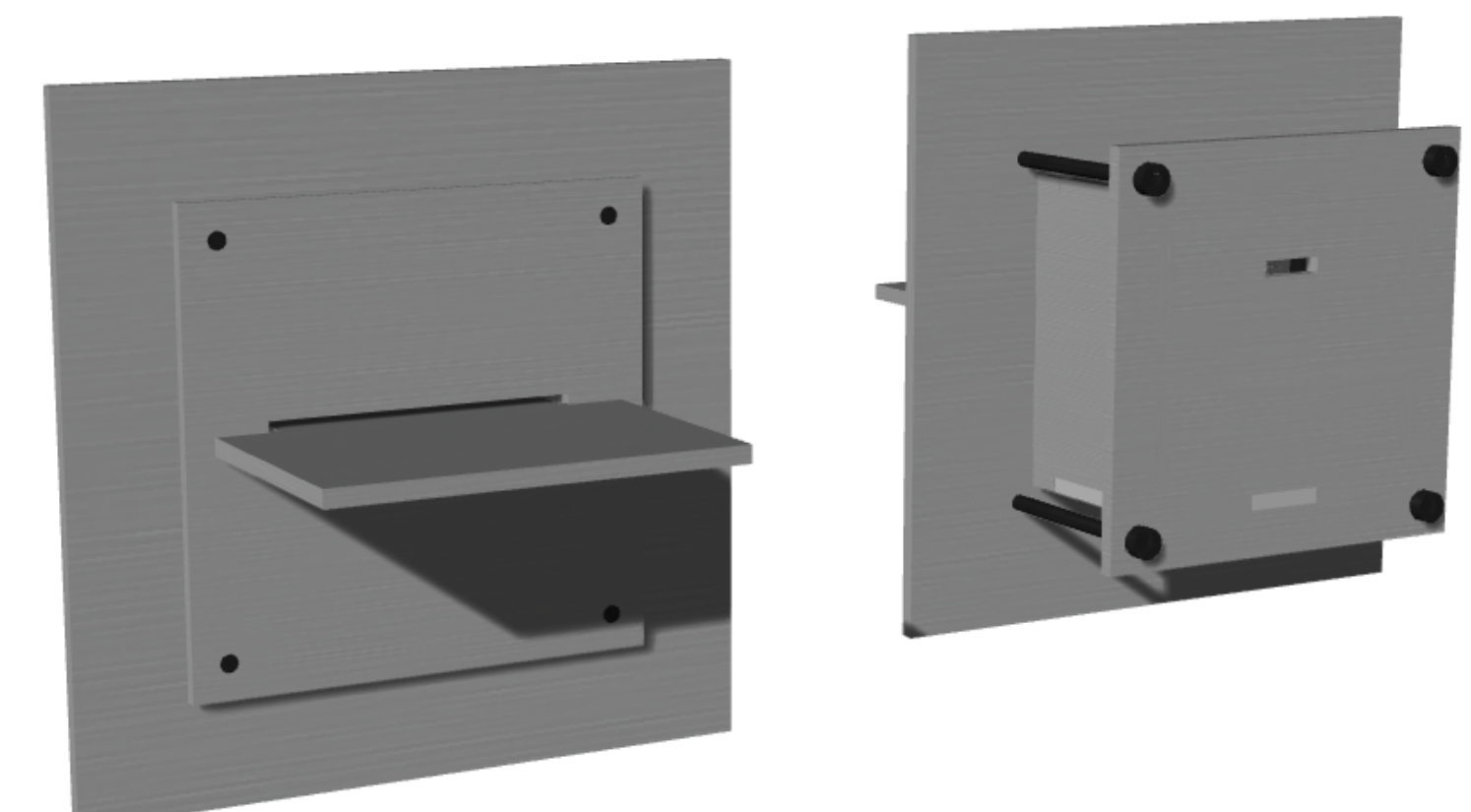
Audio



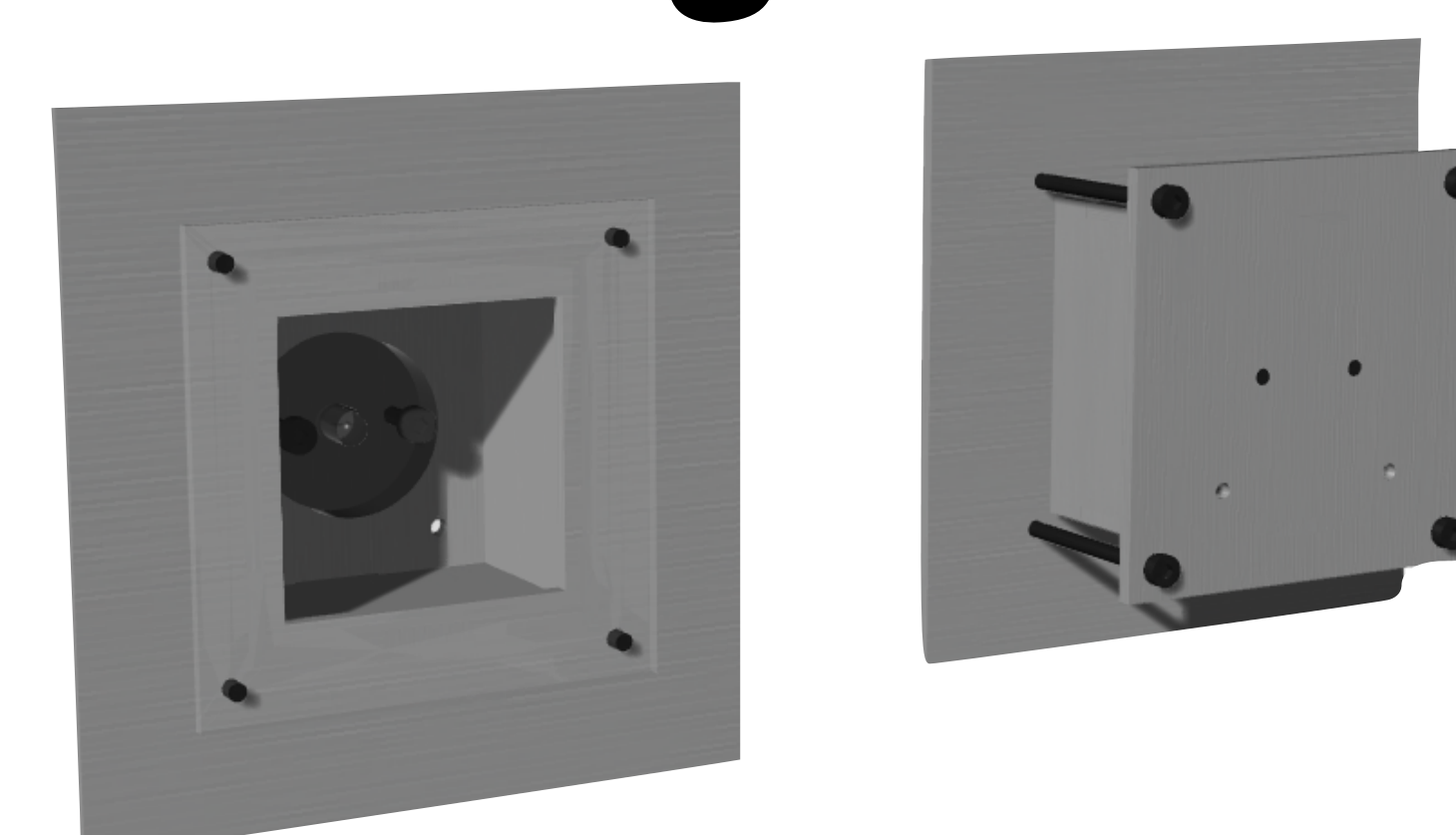
Led matrix



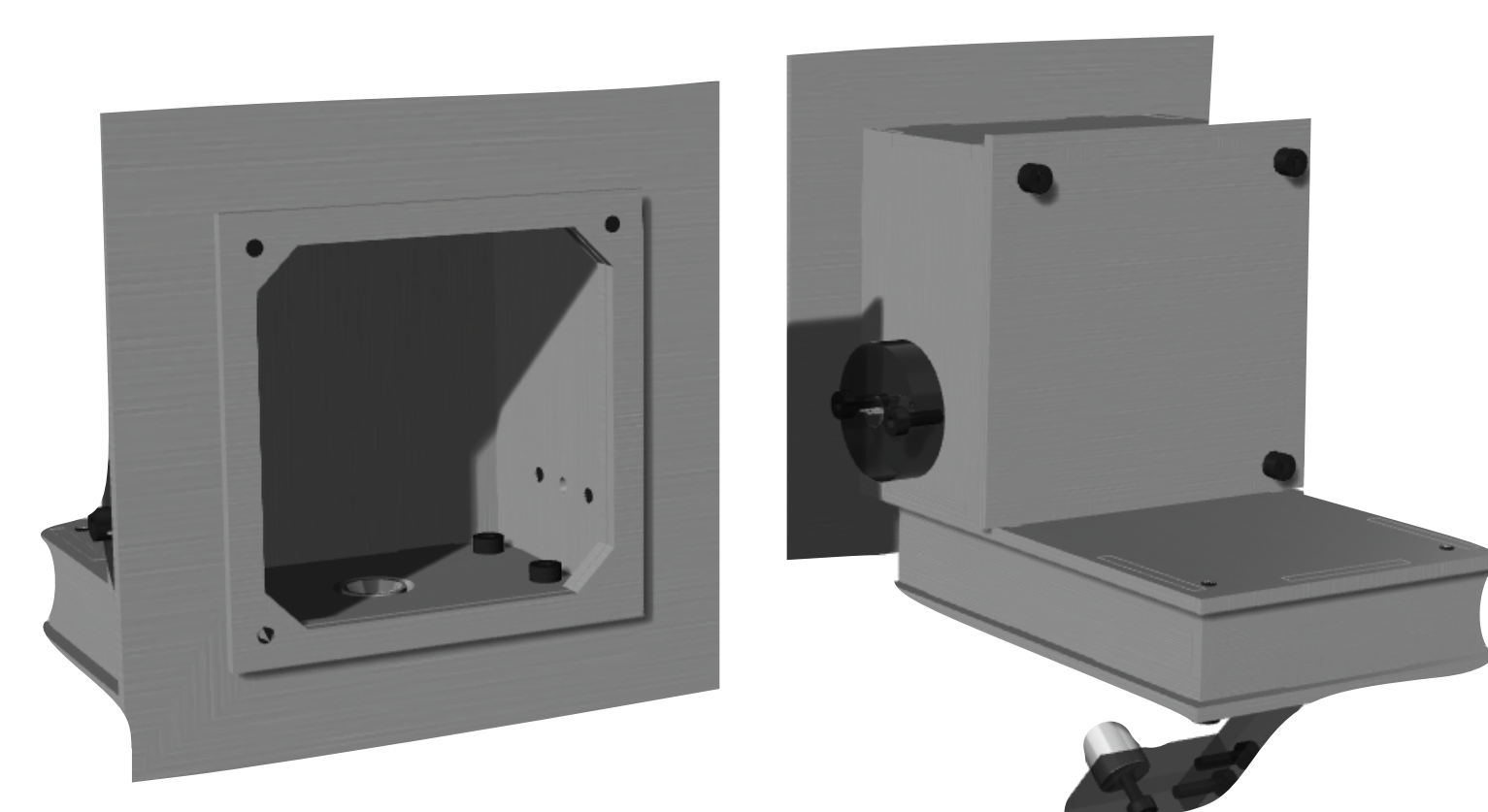
Lever



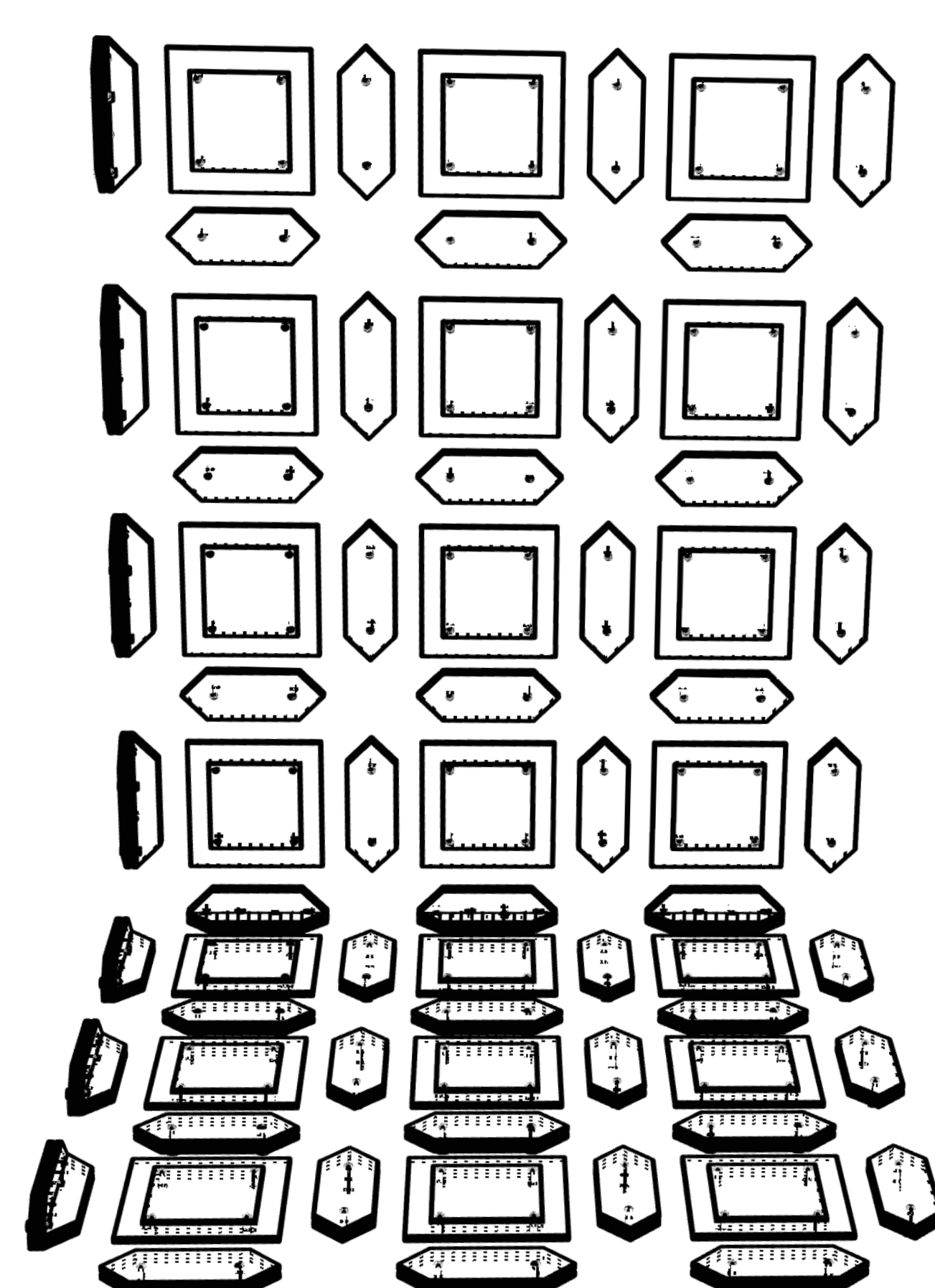
Light



Water



Build it



**Please tell me
how can we improve?**

Many Species

This equipment has been developed to use with multiple species. Such as rats, mice, pigeons, etc.

Let's build a scientific society, with science for all!!

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