產品設計類 Product Design

GPC-2021-01-0554-1203

黑水虻教育養殖裝置｜Ento.edu

台灣 Taiwan

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根據環保署，台灣每年剩食量若用廚餘桶堆疊起來約為 1 萬 3500 座臺北 101 的高度。為下一代，永續飲食資源教育的意識養成已是燃眉之急。Ento.edu 黑水虻教育養殖裝置，整合腐生昆蟲黑水虻飼養流程於一體，垂直設置優化蟲體成長以及學童的觀察操作，讓黑水虻處理廚餘結合 108 新課綱推動食農教育，從校園出發學齡青少年的環保意識，讓綠色意識從小就紮根。

BLACK SOLDIER FLY EDUCATIONAL REARING UNIT

This insect rearing unit is not just for food waste reduction but also for life education.
The Ento.edu design is innovating the traditional methods of raising the decomposing insect, the black soldier fly. By utilizing space with their growth patterns and designing pathways optimizing their pupation behavior, we can fit this device in educational environments such as junior high schools and elementary schools, to benefit our next generation's knowledge about these amazing creatures.

產品設計類 Product Design

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急救充氣擔架 | Inflatable Stretcher

台灣 Taiwan

吳郁心
Yu-Hsin Wu

充氣急救擔架是整合緊急救護流程所需之各項醫療器材的急救擔架包，提供充足的器材給施救者處理傷患傷害部位，讓施救過程更直覺、系統性操作，防止驚慌誤判造成二次傷害。此外，充氣式擔架小巧輕便且可應用在各種場所的緊急救護、水域救援等各種災害傷員搶救，以及居家、體育場地、救護車運送傷員。

'' INFLATABLE STRETCHER '' is an emergency stretcher bag that integrates the various medical equipment required for the emergency rescue process. It provides sufficient equipment for the rescuer to deal with the injured part, so that the rescue process is more intuitive and systematic, and it prevents the accident caused by panic injury.

In addition, the inflatable stretcher is small and light. It can be used to rescue the wounded in various disasters such as emergency rescue and water rescue in various places, as well as to transport the wounded at homes, sports venues, and ambulances.

傳達設計類 Communication Design

GPC-2021-02-0264-0764

The mark of Emi

日本 Japan

Momoka Furukawahara

My friend Emi appeared in my dream, which really took me by surprise.
I couldn't look at her straight that day.

空間設計類 Spatial Design

GPC-2021-03-0572-2688

都市雨水膜系統 | Stormwater Membrane System

賴翰宇
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儘管覆蓋了地球表面約 70%的面積，但水，尤其是飲用水，並不像人們想像的那麼豐富。其中只有 3%是新鮮的。該項目試圖通過在建築立面上設計多個設施來增加白天可以收集的雨水量，然後通過過濾系統和排水系統，人們可以輕鬆獲得乾淨的水供使用。本項目通過地面集水地磚收集雨水，為當地植物提供澆水作業。該項目可以大大減少人類對淡水資源的消耗。此外，建築立面水循環系統的設計也可供所有樓層的用戶操作。

Despite covering about 70% of the Earth's surface, water, especially drinking water, is not as plentiful as one might think. Only 3% of it is fresh.Over one billion people lack access to water and another 2.7 billion find it scarce for at least one month of the year. A 2014 survey of the world's 500 largest cities estimates that one in four are in a situation of "water stress".

This project attempted to increase the amount of rainwater that can be collected during riany days by designing multiple facilities on the building facade, then through the filtration system and drainage system, people can easily get clean water for use. In this project, rainwater is collected through the water-collecting floor tiles on the ground layer, and watering operations for local plants are provided. This project can greatly reduce human consumption of fresh water resources. In addition, the design of the building facade water recycling system is also available for operating by users on all floors.