

Building a Bug Trap 製作捕蟲器

Trapping Insects

Insects are really interesting, and we can learn a lot by studying them. But even though insects are everywhere, they are not easy to observe. The grade 1 students sought to solve this problem by designing humane insect traps so that we could capture, study and release insects.

Investigating Insects

Before we could trap insects, we need to know more about them. By learning about their habitats, what they need and how they move, the students were better able to design an effective trap. Students had to apply their knowledge and thoroughly plan their trap – thinking about what kinds of insects they would catch, what materials would be best suited to the trap and where they would place it.

Building and Testing Our Traps

Once the trap was designed and the materials were collected, the students built their traps. We finally were able to take the traps outside, bait them and test them. While we didn't catch much more than ants and caterpillars, the students had a lot of fun with this project and all felt proud of the traps that they built.

誘捕昆蟲

昆蟲真的很有趣，我們可以通過研究牠們學習很多東西。但是，即使昆蟲無所不在，觀察牠們並不容易。一年級的學生試圖通過設計人道的昆蟲陷阱來解決這個問題，以便我們捕捉、研究並釋放昆蟲。

研究昆蟲

在我們捕捉昆蟲之前，我們需要更加了解牠們。透過了解昆蟲棲息地、生活所需以及移動方式，學生可以更有效地設計陷阱。學生運用了課堂中所學知識，計劃他們的誘捕裝置—思考要捕捉哪種昆蟲、最適合誘捕裝置的材料以及誘捕裝置將放置何處。

製作並測試捕蟲器

一旦完成設計並收集了材料，學生就可以製作捕蟲器。最後，老師帶著他們將捕蟲器帶到戶外，施放誘餌並進行測試。雖然僅捕捉到螞蟻和毛毛蟲，學生獲得很多樂趣並為自己製作的捕蟲器感到自豪。

ASK + IMAGINE 提問 + 創思



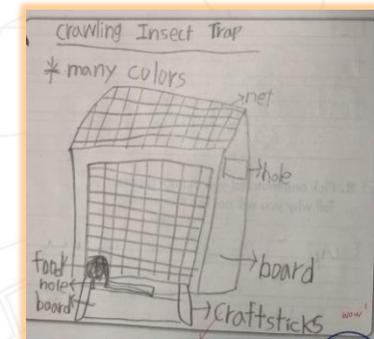
Students investigate insect habitats so they can plan where to place their traps. 學生調查昆蟲的棲息地，以便計劃誘捕裝置的放置處。



PLAN 計畫



Students apply what they have learned, and collaborate to design their traps. 學生運用所學知識一起合作，設計陷阱。



CREATE 創作



Finally building and testing our traps!
最後，製作並測試我們的陷阱！

