

Animal Habitats 動物棲息地

Home Sweet Home

A habitat is the natural home or environment of a plant, animal or other organism. It provides the organism that live there with food, water, shelter, and space to survive. Habitats consist of both biotic and abiotic factors. Biotic factors are living things. Abiotic factors are non-living things. The problem the students were faced with was to create a habitat for the animal of their choice. For them to be able to do this, we looked at the needs of animals and what makes a good habitat.

Living needs

During planning, we identified the four crucial elements to include in the habitat, namely food, water, shelter and space. Once they had an understanding of what is important in a habitat they selected one of the five major areas; arctic, savannah, forest, desert and ocean. The students set about compiling a list of what they wanted in the habitat as well as the type of animals that will shelter there. We extended discussions to include habitats of endangered animals. We discussed why some animals are extinct or endangered and ways to protect these animals in their natural habitats.

Conclusion

It was imperative for students to learn and understand the importance of having or creating a safe living environment not only for animals but for people as well. We made the connection between good habitats and the growth of animals and bad habitats and the decline of animals. The students did an amazing job creating their 3D animal habitats and had a lot of fun sharing different opinions as to what is important and what a good environment should look like.

甜蜜的家

棲息地是植物、動物或其他生物的家園或環境。它為生活在那裡的有機體提供食物、水、住所及生存空間。棲息地由生物因素以及非生物因素組合而成。生物因素是有生命的生物，非生物因素則為無生命的生物。學生面臨的問題是如何為他們所選的動物創造一個棲息地。為了讓他們能夠做到這一點，我們研究了動物的需求以及什麼才是良好的棲息地。

生存所需

在規劃過程中，我們確定了棲息地內的關鍵要素為食物、水、遮蔽物和空間。當學生了解棲息地的重要性後，再從北極、大草原、森林、沙漠和海洋中擇一，並製作一份清單列出在該棲息地中所需要的東西，以及將在此棲息的動物種類。我們將討論擴展到包括瀕危動物的棲息地，為什麼有些動物已經滅絕或瀕臨滅絕，以及在自然棲息地保護這些動物的方法有哪些。

結論

學生必須學習並理解擁有或創造安全生活環境的重要性，不僅對動物是這樣，對人類亦是如此。我們將良好的棲息地與動物的生長，以及不良的棲息地與動物的衰退聯繫起來。學生們在創建3D動物棲息地方面做得非常出色，對於什麼重要、什麼環境應該是什麼樣子，開心地分享不同意見。

1 ASK + IMAGINE 提問 + 創思



Investigating and selecting the habitat that we explored.
 探討並選擇我們探索的棲息地。

3 PLAN 計畫



Our group made a list of important items that our animals need to be able to survive.
 小組列出動物賴以生存的重要項目清單。

4 CREATE 創造



We created 3D habitats to illustrate and describe habitats.

我們建立3D棲息地圖來說明及闡述。



5 IMPROVE 改進

It was very insightful to share our habitats and discuss how to make them even better for the animals.

分享我們的棲息地，討論如何讓它們更適合動物棲息，這是非常有見地的。

