

Desert Adaptations 沙漠適應性

Introduction

Deserts are dry, arid areas that receive very little rain. Deserts can be hot or cold. Most hot deserts are found near the equator. As shown by various climate graphs plants and animals in the desert have to cope with very little water. There is also a big variation in temperature between day and night. Many life forms have special adaptations to cope with this. Students were familiarized with the desert areas around the world and discovered the unique plants and animals living there.

Animal Adaptation

Animals survive in deserts by living underground or resting in burrows during the heat of the day. Some creatures get the moisture they need from their food, so they don't need to drink much water. The grade two students were introduced to a variety of desert animals and had to observe and study the unique features of each animal that enabled it to live and survive in a desert.

Creating a Creature

It was fascinating to explore the adaptations that animals have developed to ensure their survival, students had to take five unique adaptations from any of the desert animals introduced to them and design a creature that could live and survive in the desert. These creatures were designed in a diagram style showing and explaining each unique feature and its purpose.

引言

沙漠乾燥、少雨且溫差大，大多數的沙漠都位於赤道附近。如各種氣候圖所示，沙漠中的動植物必須應付極少的水氣。白天和黑夜之間的溫度變化也相當大，許多生命體都有特殊的適應方式來應對環境。學生熟悉了世界各地的沙漠地區，並發現生活在此處的獨特動植物。

動物適應性

在白天天氣炎熱時，動物藉由住在地下或洞穴中，在沙漠中生存。有些動物可從食物中獲取所需的水分，因此不需要喝太多的水。二年級學生認識了各種沙漠動物，他們觀察並研究每種動物的獨特性以及其之所以能在沙漠中生存的原因。

創造物種

探索動物為求生存而發展出來的適應性非常的有趣。學生從課堂介紹的沙漠動物裡，挑選五個獨特的適應性，並設計一種可以在沙漠中生存的生物。這些生物以圖表樣式呈現，說明每個獨特的適應性及其目的。

1

ASK + IMAGINE
提問 + 創思

2



Wow! There are so many different deserts around the world.
哇！世界上有好多不同種類的沙漠。

3

PLAN
計畫



We researched many different desert animals and selected the five best adaptations for our creature.

我們研究許多不同種類的沙漠動物，並挑選五個最適合我們生物的適應性。

4

CREATE
創造



It was amazing to see so many creative creature designs and which adaptations were used the most.

看到這麼多富有創意的生物設計和其適應性令人驚艷。

5

IMPROVE
改進



Sharing our designs enabled us to think about different ideas and learn from each other.

分享我們的設計使我們有不同的想法，並相互學習。

