

September, 2023

Living and Non-Living Things

生物和非生物

Characteristics of living and non-living things

We can find many things around us, from mountains and oceans to plants and animals. The earth on which we live is made up of several things. These 'things' can be categorized into two different types – Living and Non-living things. All living things breathe, eat, grow, move, reproduce and have senses. Non-living things do not eat, grow, breathe, move and reproduce. And they do not have senses.

Greenhouse project

Once the students were able to differentiate between living and non-living things through various sorting activities as well as a 'nature walk', they moved on to the final stage of the project. In order for students to better understand living things and their needs, the grade ones researched, planned, and designed a greenhouse. This project allowed students to study plants as living things and the important role they play in our lives. They learned how plants grow and what they need in order to grow. They studied the different parts of a plant too, looking at real seedlings, and identifying the different parts.

生物和非生物的特徵

我們可以在周圍找到很多東西，從山脈和海洋到植物和動物。我們生活的地球是由各種東西組成的，這些「東西」可以分為兩中不同類型-生物和非生物。生物會呼吸、進食、生長、移動、繁殖並具有感覺。非生物不會進食、生長、呼吸、移動或是繁殖，它們也不具有感覺。

溫室計畫

學生透過各種分類活動和「大自然探險」理解並區分生物和非生物之後，再來就進入此專題的最後階段。經過研究並規劃溫室讓學生更了解生物和其需求，他們也理解到植物是生物並在我們的生活中扮演重要角色。學生學到植物如何生長及其生長條件，他們也研究植物的不同部分，像是觀察幼苗和辨認植物的不同部位。

1

ASK + IMAGINE
提問 + 創思

2



4

CREATE
創造



Extreme focus was on display as we added soil, seeds and water.

我們非常專注地加入土壤、種子和水。

3

PLAN
計畫



We worked together and helped each other in every stage of the project.

我們在計畫的每個階段互助合作。



5

IMPROVE
改進



We compared our green-houses, and discussed how we will take care of our seedlings.

我們比較我們的溫室並討論如何照顧幼苗。

