

## Building and Mapping my school

### 製作學校地圖

#### Mapping it

Maps have been around since people started to explore our vast planet. Maps allow us to find places that we have already discovered or stumble upon new sightings. Most importantly, maps show us where to go or help us to stay safe in some emergencies.

Students were taken through the process of reading and designing basic maps using a map key and simple two-dimensional shapes. Their first task was to map their classroom before moving on to mapping the school grounds. The grade ones particularly enjoyed the school tour where they had to find and take note of their location as they were designing their map. They focused on signs and directional indicators on the buildings to navigate their way around and plot their map.

#### Shaping the future

This project focused on shapes, mapping and directional skills, however students were able to be part of so many other elements of learning, which included problem solving, collaboration, making inferences, communication as well as independent learning. Students had the opportunity to showcase their skills as young explorers illustrating their ability to recognize shapes, locations and direction.

#### 規劃地圖

自人們開始探索廣闊的地球以來，地圖就一直存在。地圖讓我們能夠找到已經發現或偶然發現的地方。最重要的是，在緊急情況下地圖指引我們前往安全的地方。

透過地圖標識和簡單的平面形狀，引導學生完成閱讀和設計基本的地圖。學生的首要任務是繪製教室的位置，然後再繪製學校的場域。一年級的學生特別喜歡地圖設計課程時的校園導覽，同時間尋找並記下他們所在的位置。學生專注於建築物上的標誌和方向指示，以記錄和繪製學校地圖。

#### 勾勒未來

本專題注重形狀、規劃和方向技能，除此之外，學生也學習到許多其他的技能，包括解決問題、協同合作、進行推理、溝通以及獨立學習。學生有機會表現出小小探險家的技能，發揮他們識別形狀、位置和方向的能力。

#### ASK + IMAGINE 提問 + 創思



The map key will help us find important landmarks.  
地圖標幟幫助我們找到重要的地標。



We compared different shapes to best fit the design and scale of our maps.  
我們比較了不同的形狀，選出最適合地圖設計和比例的形狀。

#### PLAN 計畫



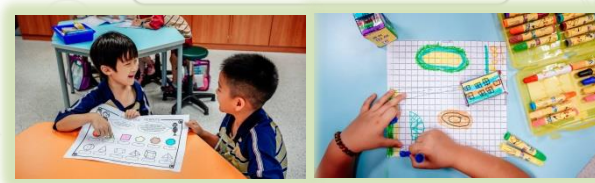
We looked at different map designs before planning and creating our own.  
在規劃和製作自己的地圖之前，我們研究了不同的地圖設計圖。

#### IMPROVE 改進



It was interesting comparing all the different designs of the school maps and sharing ideas on how to improve them.  
比對大家的學校地圖設計並討論改進想法非常有趣。

#### CREATE 創作



I selected all my shapes first, before creating my school map.  
在製作學校地圖之前，我選擇需要的形狀。