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Mapping 製作學校地圖

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Mapping It

People have produced and utilized maps as necessary tools for many years, to help them identify, understand and navigate their way around our vast planet. To this day, we refer to maps often while we travel or use them in schools and in our daily lives for information. Maps present information about the world in a simple, visual way.

Through discussions and hands-on activities, the grade 1 students were introduced to simple maps as well as the process of reading and designing a basic map. Students looked at different kinds of maps and learned about the features, like a compass rose and the map key, which explain what the various symbols represent on a map.

Shaping the Future

After gaining knowledge about maps, symbols, and directions, the students were tasked with creating their own 3D map of a neighborhood. They applied what they had learned about the compass rose, map keys, and spatial relationships, folding and shaping paper to represent buildings, roads, and landmarks in their neighborhood. Each map was uniquely designed, allowing students to express creativity while reinforcing their understanding of how different features and symbols come together to form a map. This project integrated art, math, and geography, fostering independence, spatial awareness, and problem-solving skills as students brought their maps to life and demonstrated their ability to read and create meaningful, detailed maps.

規劃地圖

多年來，人們製作並使用地圖作為必要的工具，好讓他們在這個廣大的地球上辨識、理解並導航道路。直到今日，我們在旅途中仍經常參考地圖，或在學校與日常生活中利用它們取得資訊。地圖以簡單且直觀的方式呈現世界的資訊。

透過討論與動手實作，一年級學生認識簡單地圖，並學習閱讀與設計基礎地圖。學生觀察不同種類的地圖，並學習其元素，例如指北針和地圖符號表，這些都能解釋地圖上各種符號所代表的意義。

勾勒未來

在獲得關於地圖、符號與方向的知識後，學生著手創作自己的立體社區地圖。他們運用所學，如指北針、地圖符號表與空間關係，將紙張折疊塑造成社區中的建築、道路與地標。每張地圖都具有獨特設計，讓學生在展現創造力的同時，也加深對地圖中各種要素與符號如何組合成完整地圖的理解。這項專題結合藝術、數學與地理，培養學生的自主性、空間辨識與解決問題的能力。在將地圖實際呈現的過程中，學生展現自己閱讀與創作有意義、具細節地圖的能力。



ASK + IMAGINE
提問 + 創思



The map key will help us find important landmarks, and a compass rose shows us the 4 directions. 地圖符號表能幫助我們找到重要的地標，而指北針則顯示四個方向。



PLAN
計畫

We looked at different map designs and elements before planning and creating our own. 在規劃並製作地圖之前，我們先觀察不同的地圖設計和要素。



IMPROVE
改進

It was interesting comparing all the different designs of the community maps and sharing ideas on how to improve them. 比較各個不同的社區地圖設計並分享如何改進，真是十分有趣。



CREATE
創作

We selected places and landmarks and then planned where they will go on the map before creating our own community maps. 我們先選擇想要加入的場所和地標，並規劃它們在地圖上的位置，之後才開始製作我們的社區地圖。



