

專題講座 SUBJECT TALK



STEAM education takes STEM as its starting point and adds the arts, creating an educational model that cultivates both hard and soft skills. Students are encouraged to discuss the four core STEM subjects after learning them and then express their knowledge in an artistic or visual form, such as a three-dimensional model, so that the technological products they design have a sense of aesthetics.

“Education Bureau.” *Talk about STEM Education*, 2022, www.edb.gov.hk/tc/about-edb/press/insiderperspective/insiderperspective20180402.html. Accessed 26 Apr. 2024.

圖書館館藏 (小學)



《兒童必讀的 STEAM 百科》

作者：莉莎·伯克

索書號：500 BUR

這本書中，五位STEAM成員會帶你認識什麼是科學、科技、工程、藝術和數學。你可以在書中了解宇宙的各種星體、發現機械人是怎樣改變生活、探究為什麼笨重的船能浮在水中、看看人們是怎樣記錄時間，你還可以試試畫出食物網呢！



《和 STEAM 面對面：藏在氣球裡的科學》

作者：劉敏如

索書號：610 LIU

曾仔細觀察過氣球嗎？它用什麼做成的？有什麼特性？為什麼吹過的氣球會比較容易吹大呢？如不吹氣，有什麼辦法能讓氣球自己充氣呢？快來進行10個簡單、好玩又令人驚奇的小實驗，發掘好玩的氣球，到底藏了哪些有趣的科學原理吧！



Awesome Engineering Activities for Kids : 50+ Exciting STEAM Projects to Design and Build

Author: Christina Herkert Schul

Call number: 620 SCH

Make engineering for kids fun and inspiring. From toothpick towers and marble runs to egg drops and water rockets, *Awesome Engineering Activities for Kids* is filled with exciting projects that will challenge and delight students.



High-tech DIY Projects with 3D Printing

Author: Maggie Murphy

Call number: 621.98 MUR

Provides information about 3-D printers while offering step-by-step instructions for three-dimensional printer projects, including a key chain and a jumping frog.