

Bridging the Gap

建造橋樑

During this project students bridge the gap between Art and Science by designing and building unique, strong and stable bridges.

在此次專題中，學生們透過設計和建造獨特、堅固及穩定的橋樑來彌合藝術與科學之間的差距。



After a brief introduction to the project, students were challenged to see who could build the strongest bridge in 30 minutes with 30 straws.

簡單介紹專題後，各組相互挑戰，看誰能在 30 分鐘內，用 30 根吸管搭建最堅固的橋樑。



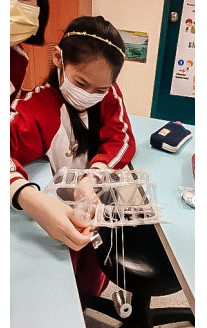
One of the design constraints for bridges is the space available to place the footing.

其中一個橋樑的設計限制是橋基的可用空間。



Students tested their bridge footing by adding weight until the footing collapsed.

學生們透過增加重量直到坍塌為止，來測試橋基的穩定度。



We look forward to next term when we will be designing, building and testing our popsicle stick bridges.

我們期待下個階段的設計成果，學生們將以冰棒棍建造及測試橋樑。