Floating Garden
漂浮花園

What is a Floating Garden?

A floating garden is just that; a garden that floats! Bangladesh is the country that is leading the world in floating garden technology for one reason: they need to! Due to Bangladesh's climate, large regions are flooded for up to six months a year. Because of this, they have become experts in floating gardens. We researched this country as well as took a look at the botanical garden on the roof because -- you guessed it, there is a floating garden!

Mission

The students had to create a garden that floats from a plastic bottle, along with several other materials. They also planted a few mung beans and make it so the mung beans could grow in their garden! The gardens must be able to float for 10 minutes.

Result

Mission successful! Most of the teams were able to create a garden that could float for ten minutes or more! Every team had a unique design, and some of the teams were even able to grow a beanstalk that grew in their floating garden. Good job Grade 5 students!

什麼是「漂浮花園」？

「漂浮花園」就是字面上的意思：一座會漂浮的花園！孟加拉是全球漂浮花園技術的領先國家，原因很簡單：他們必須這麼做！由於孟加拉的氣候，大片地區每年有長達六個月處於淹水狀態。也正因如此，他們在漂浮花園方面已成為專家。我們對這個國家進行研究，同時也參觀屋頂上的植物園，因為--你猜對了，那裡也有一座漂浮花園！

任務

學生必須用一個塑膠瓶和其他材料製作一個可以漂浮的花園。他們還在花園中種下幾顆綠豆，並設計讓這些綠豆能夠在他們的花園中生長！這些花園必須能夠持續漂浮至少十分鐘。

結果

任務成功！多數組別都能成功製作出能漂浮十分鐘或更久的花園！每一小組的設計都很獨特，有些小組甚至成功讓綠豆苗在他們的漂浮花園中茁壯成長。五年級的學生表現真棒！

1 2 ASK + IMAGINE 提問 + 創思

Students tested different designs to see if they could make clay float! It worked!
學生嘗試不同的設計，看是否能讓黏土漂浮起來！結果成功了！

3 PLAN 計畫

After learning about floating gardens and taking a trip upstairs, they planned out their unique designs.
在學習漂浮花園的相關知識並參觀樓上的植物園之後，學生開始規劃他們獨特的設計。

4 CREATE 創造

The teams worked hard to bring their floating garden designs to life!
各小組努力不懈，將他們的漂浮花園設計付諸實現！

5 IMPROVE 改進

Test time! The floating garden had to float for 10 minutes!
測試時間到！漂浮花園必須漂浮 10 分鐘！

6 PRESENT 展現

Every team created a Canva presentation and presented their floating garden to the class!
每一小組都製作一份 Canva 簡報，並向全班介紹他們的浮動花園！