

何天恩

周智堯

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官家慶



### 旅行行程計畫

2023.5.18

早上10:15 集合

早上10:20 開始入場科學中心

下午01:10 科學中心部分結束

~中場休息~

下午03:30 入場生命科學廳

下午05:00 科博館旅程結束

下午05:15 參觀地下道後,陸續解散回家

## 科學中心

CHAPTER 1

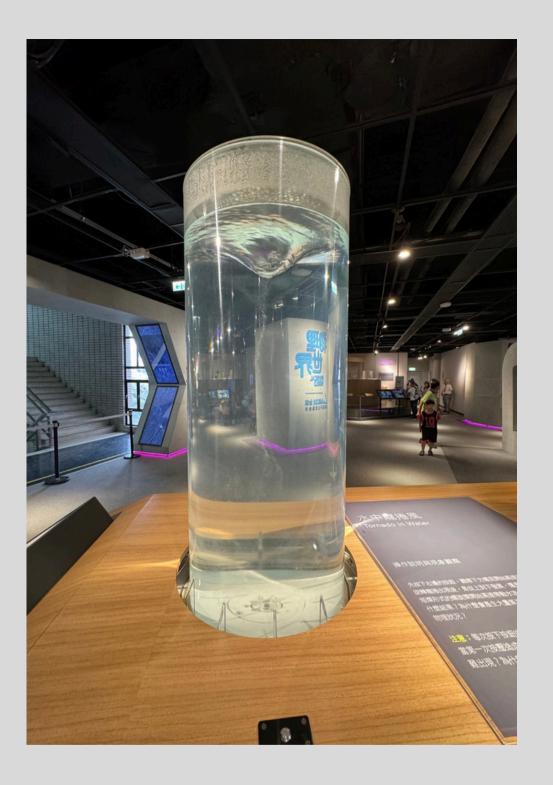
數理科學世界

CHAPTER 2 <sup>星球與宇宙</sup>

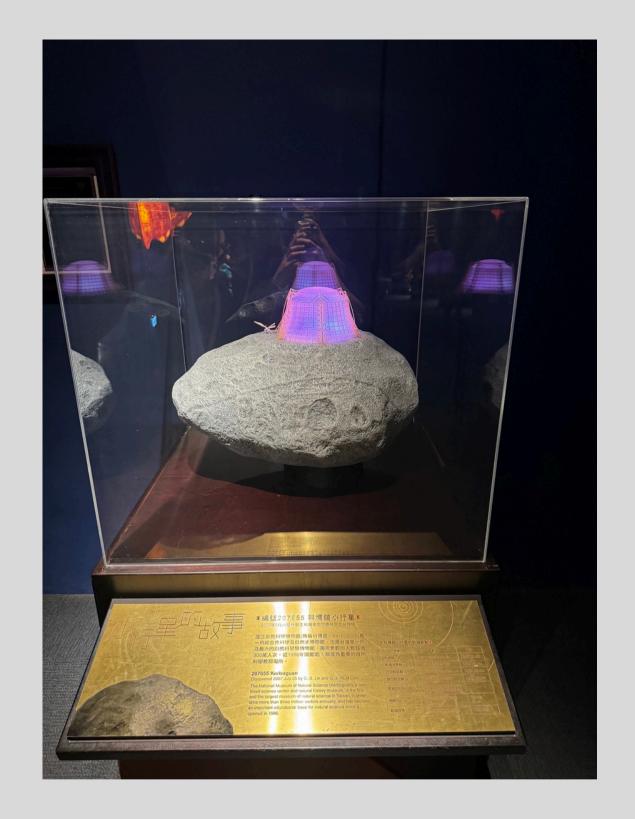
CHAPTER 3 奇妙的半導體世界



This is Newton's pendulum and a tornado in water. Physical phenomena can be understood through experiential activities.



Here are the asteroids and the planetarium. The asteroid was discovered at Lulin Observatory in 2007. A planetarium is an instrument that can simulate the starry sky.





The second floor is the world of semiconductors. Learn about things used in the semiconductor industry through the periodic table of elements.





# 生命科學廳

CHAPTER 1

板塊運動與火山噴發

CHAPTER 2

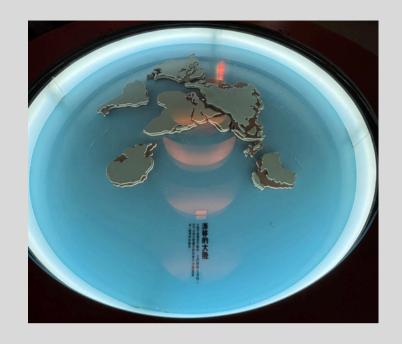
恐龍、地球與人類

CHAPTER 3

動物的生態環境與標本

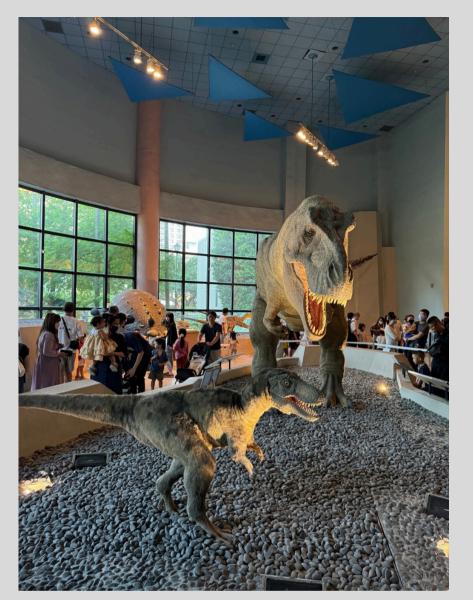


# 生命未出現前的地球 (三十八億年前) 地球初生時地殼脆弱,地心熔岩 突破地表形成火山,並噴出雲氣。狂 風暴雨持續了數千年,熟雨降下形成 了第一個海洋,這兒沒有氧氣,也沒 有生命。



This is a demonstration model showing a volcanic eruption. In front of him there is a seat that vibrates with the screen. After sitting on it, you can feel the shock of the volcanic eruption more directly, and a model that simulates the movement of continental plates. This model can restore The entire continent looked like it did not move initially, and then moved over time.





The lifelike dinosaur model not only moved but also made terrifying roars. Many people took out their mobile phones to take photos and videos.









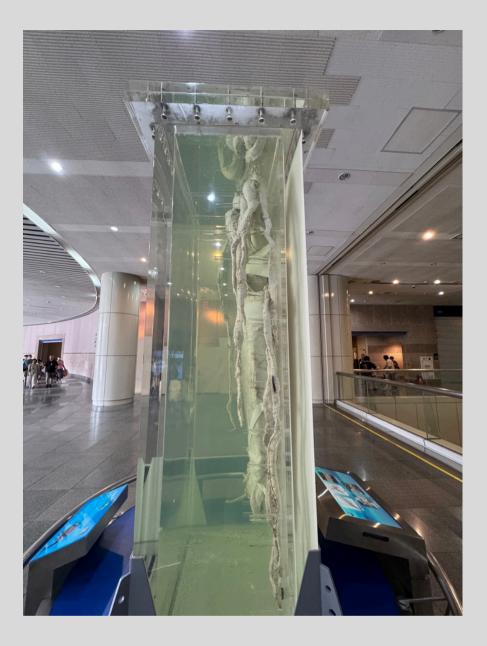






For mammal specimens, the living environment of the creatures will be restored in the display stand, and explanations will be provided to help people understand them better.

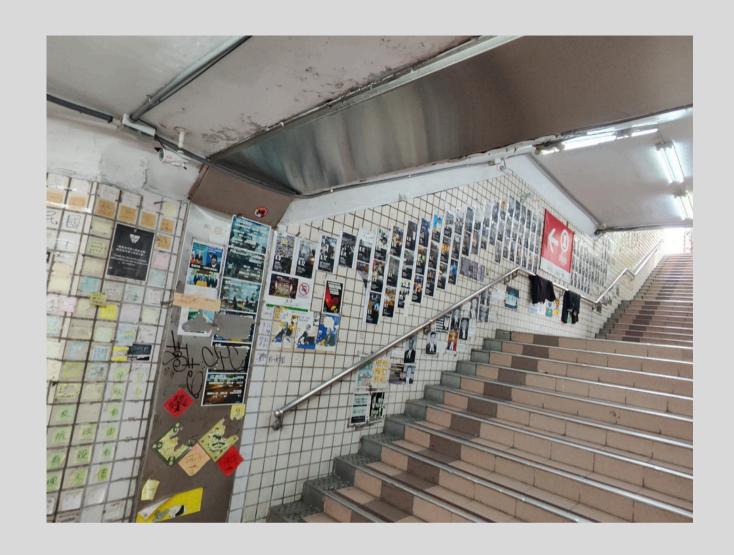




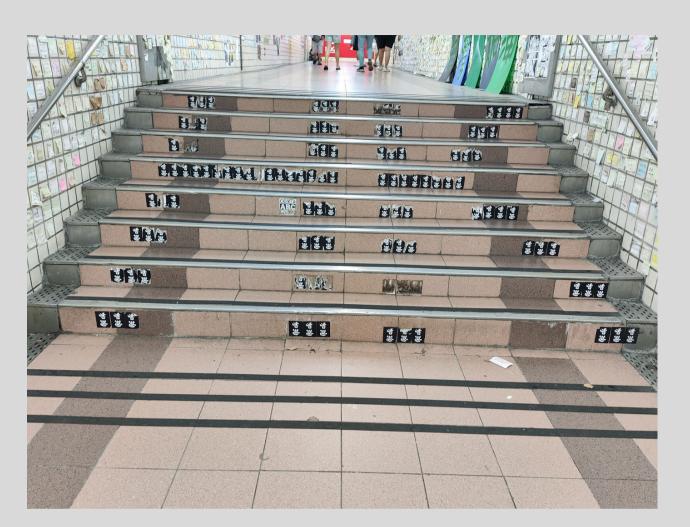
The giant squid specimen soaked in formalin is said to have been placed here for a long time.



# SOGO/第六市場地下 道



Anti-Extradition Law Amendment Bill Movement





### SEEING THE NEW PALCE

When we walked in here, we felt like we had entered a whole new world. Everything here was so wonderful and interesting. We also learned a lot of knowledge and broadened our horizons here. The explanation board here explains in a very concise way, making it easy to understand, but also complete and informative. I'm so lucky to have chosen this place as my travel destination.

#### MEETINGNEWPEOPLE

In planning this trip, everyone was very attentive in planning this group trip. Whether it was everyone's opinions and ideas, or the level of enthusiasm, I felt everyone's sincerity, even though everyone has just met classmates who have just completed their first semester. , but I believe we have established wonderful college memories and friendships during this time.

### PROSPECTING THE NEW WORLD

At the Science and Technology Museum, we came into contact with the things inside through planning group trips and felt human wisdom and the human spirit of keen to discover facts when facing unknown things. These spirits are the crystallization of human wisdom and precious spirit. . In this course I learned that we should have a soul that has the courage to explore the world in order to discover the beautiful things in life.

何天恩上台報告

周智堯 影像攝影

林伽伃 簡報製作

官家慶策劃與成果訂正

### THANKYOU EVERYONE