



G.T. STEM Students' Multiple Intelligences - Exploring Space to Benefit Mankind

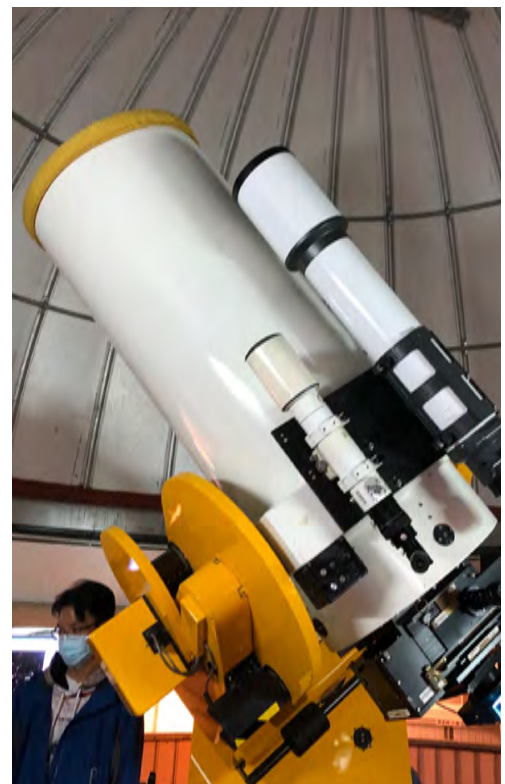


Chair Professor Kai-leung Yung (seventh to the left), Dr. Richard Cheung (third to the right), Yancy Chan (10A) (sixth to the right), Forrest Lo (10A) (sixth to the left), Nicholas Wong (10A) (fifth to the right), Ian Yeung (10A) (seventh to the right), Gordon Ng (9A) (ninth to the right), Jayden Ng (9B) (fifth to the left) and Bernice Chan (9D) (eighth to the right) taking a group photo at the Research Centre for Deep Space Explorations of the Hong Kong Polytechnic University

The STEM Course of Space Technologies and Automation had co-organized laboratory visits and workshops for students with the Hong Kong Polytechnic University under the "Science World: Exploring Space to Benefit Mankind" education programme in December 2021. Mr. Lawrence Cheng and Dr. Richard Cheung led eight students from G9 and G10 to visit the Research Centre for Deep Space Explorations, the Laboratories of Photogrammetry and Robotic Vision, and Planetary Remote Sensing to learn about the process of picking the perfect locations of two missions: change of landing on the far side of the Moon at the Von Karman crater and Tianwen-1 landing at Utopia Planitia on Mars. We also visited the Supersonic Laboratories to observe the effect of high speed on the structure of the space rockets and re-entry module. Chair Professor Kai-leung Yung explained the process of development and shared the obstacles his team had overcome to get the lunar soil back to earth. Through the visit of the Observatory at the Ho Koon Nature Education cum Astronomical Centre, students gained the opportunities to use different telescopes to observe different celestial bodies. It is amazing to see a wonderful picture of capturing Jupiter by students using the 6-meter diameter reflecting telescope. It was a dazzling night for both teachers and students to remember.



Egan Wong (9B) using a telescope to observe different celestial bodies



The sensitivity of the telescope is 5000 times stronger than human eyes

Dr. Molly Chan and Mr. Lawrence Cheng
Teacher-in-charge for the STEM Course of Space Technologies and Automation

International Biology Olympiad - Hong Kong Contest 2021

Our school achieved remarkable results in the International Biology Olympiad – Hong Kong Contest 2021. Our student Gabriel Leung (11A) was awarded a Silver award; Jeremy Lee (12A), Forrest Lo (10A) and Cheuk Hei Chan (11A) were awarded a Bronze medal; Heison Wong (11A) and Nicholas Wong (10A) were awarded an Honourable Mention Award. Our school was awarded the Best Schools Award. The Silver medal and Bronze medal awardees are eligible to participate in the Student Training Course for International Biology Olympiad 2022 (Phase I).

Congratulations to all awardees!

Dr. Christine Yu
Assistant Principal



Silver and Bronze medal awardees and their teacher attending IBO-HKC 2021 Prize-giving Ceremony on 13 December 2021 (From left to right: Gabriel Leung (11A), Cheuk Hei Chan (11A), Jeremy Lee (12A), Forrest Lo (10A) and Dr. Christine Yu)



A group picture of all IBO-HKC 2021 awardees (From left to right: Heison Wong (11A), Nicholas Wong (10A), Forrest Lo (10A), Gabriel Leung (11A), Jeremy Lee (12A) and Cheuk Hei Chan (11A))

「全港中學中國歷史研習獎勵計劃 2021」論文比賽

2021年8月，香港大學中國歷史研究文學碩士課程同學會及國史教育中心邀請全港中學生，就國史的源流演進，自擬研習方向，撰寫專題文章一篇。朱明蔚同學(12B)以「偽滿時期溥儀」為題進行深入探討，勇獲高級組優異獎。李聖心(11B)、栞凱祺同學(11B)及何司渝同學(12C)亦就唐朝及清末民初的發展進行析論，同獲高級組嘉許獎。恭喜以上四位獲獎同學！

中國歷史科
劉景輝主任、伍淑華老師



朱明蔚同學 (12B) 獲高級組優異獎



教育局局長楊潤雄先生，香港大學張翔校長及香港大學中國歷史研究文學碩士同學會何漢權會長等出席此次頒獎禮



香港大學名譽院士、香港大學中文學院名譽教授丁新豹向一眾學生分享歷史知識



Conan Cheung (11A), Jessie Fung (11A), Sophie Fung (11A) and Sian Lee (11A) winning the Champion and Best Presentation Award!

Being engaged in 《語出經人經濟分析比賽 2021》 organised by Hong Kong Association for Economics Education in October 2021, three of our G.T. teams from 11A entered the final round of the competition! Their research reports evaluated the effectiveness of increasing the supply of public housing in addressing housing problems in Hong Kong.

Conan Cheung (11A), Jessie Fung (11A), Sophie Fung (11A) and Sian Lee (11A) won the Champion and Best Presentation Award, recognising their remarkable effort in the competition! Chuck Chan (11A), Enoch Hui (11A), Gabriel Leung (11A) and Heison Wong (11A) were awarded Second Runner-up. Hebe Kan (11A), Tokyo Siu (11A) and Daniel Wai (11A) were awarded merit award.

Congratulations on their well-deserved success!

Mr. Jerwa Ip, Mr. Karl Yeung and Mr. Philip Kwan
Economics Teachers

Team	Students List	Awards
Team 1	Conan Cheung (11A) Jessie Fung (11A) Sophie Fung (11A) Sian Lee (11A)	Champion Best Presentation Award
Team 2	Chuck Chan (11A) Enoch Hui (11A) Gabriel Leung (11A) Heison Wong (11A)	2nd Runner-up
Team 3	Hebe Kan (11A) Tokyo Siu (11A) Daniel Wai (11A)	Merit Award (Top 10 in Hong Kong)

Parents' Talk – Students' Mental Health Emergencies



Professor Rex Li showing appreciation to Dr. Susan Su, Lecturer and Associate Director of Social Work Practice and Mental Health Centre (HKBU)

According to UNICEF assessment report of over 8000 adolescents between the ages of 13 to 29 around the world, 27% reported feeling anxiety and 15% depression due to COVID-19 pandemic. Most of the teenagers are having less motivation to do activities they previously enjoyed or even regular chores. Recognizing mental health is equally important as physical health, G.T. invited experienced guest speaker, Dr. Susan Su Xiqing to help parents identify the signs of distress and mental health challenges of their children on 14th December, 2021. Dr. Su's guidance on ways to best support G.T. students and help them build resilience in their studies is rewarding for all participants, including teachers, over the pandemic.

Mr. King Lau and Mr. Jerwa Ip
Heads of Parent Liaison Group



Parents benefiting from the tips on identifying symptoms of stress and other emotional issues



Dr. Susan Su sharing about Bloom's taxonomy of cognitive learning objectives

綠色學會十一月活動 -- 粒粒皆辛館



▲ G3及G4的同學和父母一起成功製作環保清潔劑

《憫農》詩人感慨「誰知盤中飧，粒粒皆辛苦」，我們雖能理解，卻鮮有切身感受。如孩子沒有接觸農田的經驗，在他們心目中，白米可能已化為密封包裝硬梆梆的一袋，離「憫農」就更遠了。為豐富孩子的體驗，並提倡惜食文化，綠色學會特別於去年十一月舉辦參觀惜食堂「粒粒皆辛館」的親子活動，以下是家長的活動後感。

綠色學會



▲ 在惜食冷知識區，知道如何令食物可以再生及減少廚餘的方法



▲ 在廚餘較量區，感受一下每月一個家庭棄置的廚餘有多重



▲ 自製橙皮酵素，將廚餘變作天然清潔劑



▲ 初小家庭一同到位於深水埗的粒粒皆辛館參觀



▲ 學生從影片中得知，世界上每十秒就有一人餓死

李卓菁 (3E) 家長 Wendy

珍惜

香港這個富裕的城市裏，美食資源看似源源不絕，原來三餐不得溫飽的人也佈滿了這座城市的角落。在導賞員的帶領下，一班三、四年級的同學和家長，慢慢地了解到地球上資源錯配，一邊浪費食物，一邊有人捱餓。然後，我們一起學習如何看食物包裝上的最佳食用日期、如何存放食物、如何有效利用食物的每一個部份，做到物盡其用、珍惜食物，減低堆填區的負擔。於是，我們一起用橙皮製作了環保酵素，也認識了酵素的神奇用途。最後，小朋友還走入了狹小的劏房，嘗試體驗居住在當中的困難，也嘗試了收拾紙皮的艱辛，原來堆得高高的紙皮也未必能買一罐汽水。

參觀罷粒粒皆辛館，同學們、家長們無不帶着一念「珍惜」地離開展館。珍惜所擁有的一切，學懂感恩所有資源都得不來不易。

梁穎欣 (1D) 家長 Angel

我們參加了由惜食堂領導的粒粒皆辛館實體展館，由展館導師講解香港以至全球的食物浪費及飢餓問題。這次活動不單為小朋友提供機會去認識我們每日都浪費了很多可以再生的食物，令家長們在兩小時的旅程中停下來反思如何改變日常生活，珍惜我們的未來，讓我們學習如何做得更好。

吳逸嘉 (1E) 家長 Eunice

「誰知盤中飧，粒粒皆辛苦。」

時至今日，少年不知愁滋味，現在的小朋友如掌上明珠，不知沒飯吃的辛苦，要他們不再揀飲擇食，減少浪費，親身體驗是最好的方法。

綠色學會特別舉辦參觀惜食堂「粒粒皆辛館」的親子活動。是次體驗能豐富孩子的知識，明白社會依然貧富懸殊，有人浪費但亦有人在捱餓。當日環節豐富，其中虛擬實況影片，孩子以食物的第一身，經歷由美食變為廚餘被浪費丟到垃圾桶的一生，還透過互動遊戲執紙皮和親身體驗用橙皮製作環保清潔劑，使孩子從中領略到珍惜食物的重要。所以由今天起，只要大家作出小改變，就能減少廚餘。珍惜食物，你我做得到！

朱卓言 (2A) 家長 Psyche

在香港，貧富懸殊的問題日趨嚴重，這邊廂很多人在浪費食物，另一邊廂卻有不少人過着捱餓的日子。有些貧窮的老人家，為了節省金錢，每天也只能重複地吃着一些沒有足夠營養的食物。參觀過程中，有很多互動環節，令大人小朋友都玩得十分投入，也接觸到不少食物冷知識。最後，同學們更有機會大顯身手，和家人一起學習自製橙皮酵素，實踐將廚餘變身，製作天然清潔劑。參觀後，即使過了數天，兒子仍然記得當天所見所學，時刻提醒家人及朋友要珍惜食物，勿浪費。至於橙皮酵素清潔精，還有兩個月就可以用了，我們一家都十分期待呢！

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