

STEM Internship Programme 2022

Initiated by CUHK School Heads Alumni Association (CUHKSHAA) & Faculty of Science, CUHK

Objectives

- Promoting the theme of “Learning through Service” and raising CUHK students’ the sense of social responsibility;
 - Enriching overall learning exposure by offering CUHK students the opportunity to gain practical teaching experience in schools*.
- * The list of schools and detailed information will be available later.

Eligibility

- Preferably Science undergraduate students in Year 3 or above; and we welcome NSCI students in all years
- Be proficient in both spoken Cantonese and English

Duration

- Around one month; starting from May 2022

Job Duties

- Teaching assistance
 - STEM curricula development
 - Experiment planning and design
 - Technical support in laboratories
 - Tutoring support
 - Measuring learning progress
- * The actual job duties may vary between schools and supervisors.

What will I learn from the Programme?

- Gaining solid experience of integrating STEM knowledge into pedagogy and be immersing in real classroom setting to understand school operation better;
- Flourishing your STEM talents and honing your communication and presentation skills;
- Getting direct exposure towards potential career pathway in teaching or/and STEM-related fields.

Programme Timeline

Registration for the Briefing Session	2 March 2022
Briefing Session (online via Zoom)	4 March 2022 (tentative)
Programme application (link will be announced in the briefing session)	By 20 March 2022
Interview	Early to Mid April 2022
Programme Commencement	May 2022



Briefing Session Registration
<https://bit.ly/3fWRFuy>

Enquiry

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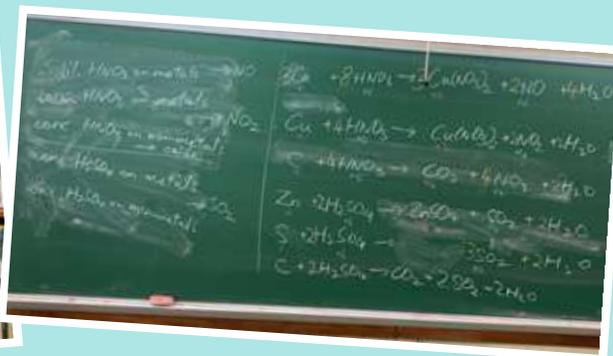


Students' sharing
on the next pages →

STEM Internship Programme 2021 – Students' Sharing

CHEUNG Ho Wun (Chemistry, Year 4)

By joining the Programme, I understand more about the duties of a teacher and the school operation. Apart from preparing teaching notes and materials for chemistry classes, I also organized STEM activities by designing experiments, preparing activity worksheets, and making a presentation. I am glad that I had the chance to teach in the remedial classes for students in the senior form and I learnt ways to adjust my teaching methods according to the students' learning progress.



CHEUNG Ki Fung (Physics, Year 6)

以往我在教學中也會加入一些電影或電視劇中的情節作例子，再利用書本知識教導學生理解當中謬誤，希望提高他們的專注力。而從與中學物理老師的交談中，我學習到用上生活化的例子也能引起同學興趣，提高他們自主學習的動機。如果將來我有機會成為教師，推動學生自主學習將會是我的教學方針之一。



LAI Kwun Yin (Graduated Natural Sciences Student)

Having participated in teaching in a primary school, I realised my first-hand experience and reflection mean more than the knowledge I learnt from just reading books on education. I understood the curriculum of different subjects better and got the chance to practice my classroom management skills, which are invaluable to my teaching career in the future. I am more determined to be a teacher who can guide students to the right way, as the school motto always reminds me that "every student has their own ability and unique strength".



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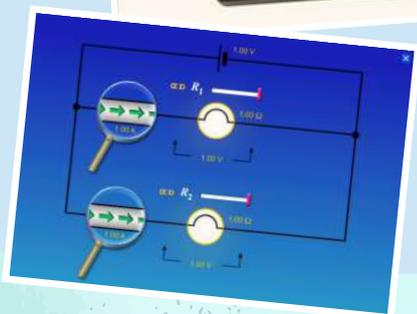
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STEM Internship Programme 2021 – Students' Sharing (Continued)



LAM Wai Chung (Graduated Physics Student)

我和中學的物理科鄭老師經常討論教學方法，並從他身上學到不同技巧。學校會以學生常犯的物理概念作主題，鼓勵他們製作教材，藉此了解同學未掌握的部份。我亦學會製作「分層課業」，為不同能力和學習進度的學生編製教材，讓他們能跟上教學進度。鄭老師也跟我分享了他在籌辦STEM活動時的一點一滴，這些經驗對我未來投身教育界有莫大幫助。



IP Christy Yin Ting (Graduated Biology Student)

I had my internship in a special school; teachers in the special schools focus on assisting students to build their independence rather than teaching knowledge from books. The students in my class had different levels of disabilities and I spent most of my time to understand their individual need. Among all, the experience of grasping the attention of one of them and teaching him how to draw a smiling face on a computer was unforgettable.



WONG Chun Long (Earth System Science, Year 4)

Teaching in the secondary schools nowadays not only covers knowledge in books, but also the know-how of using learning tools. Since I had no knowledge of 3D printing before, I had to learn its concept and the use of printing software called FreeCAD from scratch before I could teach my students. It took me a whole week from knowing nothing about the software to gaining the basic skills of using the tools. I was glad that I made a decent work piece finally. This 3-month internship was a fruitful experience for me as I acquired not only teaching experience, but also gained insight into school operation.



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