



Enrichment Program for Gifted Learners

優才增益課程

Summer Program 2024
暑期課程

Target: Senior Primary / Secondary Students
who have an intense interest in the subject
matters of the courses

對象：高小至中學生，對課程相關課題有濃厚興趣

Course Period: July & August, 2024
上課日期：2024年7、8月

Application Deadline: 18 April 2024
截止報名日期：2024年4月18日

Courses 課程



Science
科學



Technology
科技



Engineering
工程



Mathematics
數學



Humanities & Arts
人文藝術



Social Science
社會科學

★ NEW COURSE 新課程

Secondary 中學組

Music Speaks: An Introduction to Composition
會說話的音樂：作曲入門

Introduction to Microbiology: Germs or Gems?
基礎微生物學：病菌或寶藏？

Look Inside Our Body – Animal Physiology
「解剖」動物生理學

★ Physics Demystified:
Understanding Everyday Phenomena
物理學淺解：理解日常現象

★ Becoming Me and Being Me:
Understanding Self through Psychology
心理學與個人成長 – 自我·自處

Exploring Magic Bullets in Chinese Herbs –
Chemistry of Traditional Chinese Medicine
探索草藥中的奧秘 – 中藥化學

Matrix
矩陣

Python for Everyone
Python 編程初探

Python: Beyond the Basics
Python 編程進階

A Mathematical Introduction to
Game Theory
淺談博弈論的數學原理

Exploration of Engineering
工程學透視

The Chemical Adventures of Sherlock Holmes:
Chemistry in Forensic Science
福爾摩斯的化學歷險記：鑑證科學中的化學原理

An Engineering Perspective:
Renewable Energies & Energy Conversion
工程視角：可再生能源及能量轉換

Blended Learning: Appreciation of Daily Life Mathematics
混合學習：欣賞現代生活中的數學

★ Beetles' Superpower
鍬蟲小技

Primary 小學組

Programming Fun with mBot x Scratch
mBot x Scratch 趣味編程

課程詳情及報名

cdgt.hkust.edu.hk



Recipients of the Comprehensive Social Security Assistance (CSSA) or School Textbook Assistance Scheme can apply for our Financial Assistance Scheme. For details, please visit our website.

綜合社會保障援助計劃 / 學校書簿津貼計劃之受助人可申請課程學費資助。詳情請瀏覽本中心網頁。

Enrichment Program for Gifted Learners aims to nurture high potential students by providing them with opportunities to explore different interdisciplinary areas of study, so as to broaden their knowledge and let them experience the teaching style and learning environment of a university under the guidance of HKUST and experienced instructors.

優才增益課程旨在為具潛質的學生提供跨學科的學習機會，拓闊他們的學術視野，並在科大及資深導師的指導下，體驗大學的教學模式和學習環境。

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The Center for the Development
of the Gifted and Talented
香港科技大學資優教育發展中心



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