

香港科學館 HONG KONG SCIENCE MUSEUM

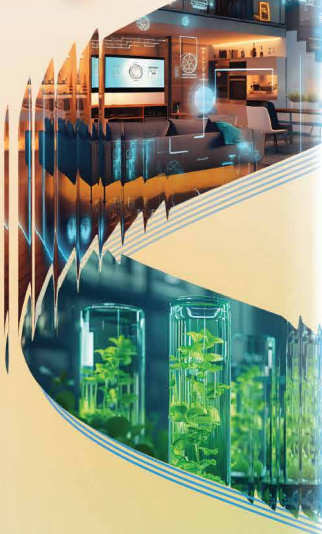
教育通訊 Education Newsletter

秋季 AUTUMN 2026

第四十五期 VOL.45



生活科技廳 Living Tech Gallery



生活科技廳

Living Tech Gallery

香港科學館的生活科技廳，邀請你探索各種生活科技的應用，洞悉未來的發展趨勢！

科技是改善世界和提升生活品質的重要工具。透過科技的開發與應用，我們可以改善資源運用並提升社會運作效率。展廳透過互動展品，讓學生從日常生活中的三個核心範疇：交通、居住和飲食，了解科技如何持續改變我們的生活模式。學生能在日常中發現科技的力量，並啟發他們對未來生活的想像。

The Living Tech Gallery at the Hong Kong Science Museum invites you to explore various applications of living technology and gain insight into future development trends!

Technology is a vital tool for improving the world and enhancing quality of life. Through the development and application of technology, we can optimise resource use and boost societal efficiency. The gallery features interactive exhibits that allow students to understand how technology is changing the way we live across three core areas of daily life: transport, living, and food. Students can discover the power of technology in everyday life and be inspired to imagine future ways of living.



香港科學館的第一件藏品——DC-3型客機「貝茜號」，帶領我們回顧飛行歷史上的重要時刻，見證飛行技術的演進。

The first collection item of the Museum, the DC-3 airplane “Betsy”, takes us back to important moments in the history of flight and allows us to witness the evolution of flight technology.

利用光合生物反應器培育高性能微藻，可高效捕捉空氣中的二氧化碳，協助人類應對氣候變化，達至碳中和。

High-performance microalgae cultivated in a photobioreactor can efficiently capture carbon dioxide from the air, helping humanity combat climate change and move towards carbon neutrality.





黑水虻幼蟲能高效分解廚餘，並將其轉化為動物飼料、有機肥料等高價值產品，甚至可榨取油脂製作肥皂。在展區中，我們可親眼目睹黑水虻分解廚餘的過程！

Black soldier fly larvae can efficiently break down food waste and transform it into high-value products such as animal feed and organic fertiliser. Oil can

even be extracted to make soap. In the exhibition area, we can witness black soldier fly larvae decomposing food waste!

機械人主廚以嶄新方式重新演繹地道美食的風味與外觀，帶領我們體驗創新如何重塑未來的美味世界。

The robot chef reinterprets the flavours and presentation of authentic local cuisine in innovative ways, leading us to experience how innovation is reshaping the future culinary world.



康樂及文化事務署主辦

香港科學館籌劃

協作機構：港鐵公司

Presented by the Leisure and Cultural Services Department

Organised by the Hong Kong Science Museum

Collaborating Organisation: MTR Corporation

聯繫課程

Curriculum Link

常識(小一至小六)：人與環境；日常生活中的科學與科技

科學(小一至小六)：生命與環境；科學、科技、工程與社會

科學(中一至中三)：科學入門；從原子到材料

生物(中四至中六)：生物工程

科技與生活(中四至中六)：食品科學與科技

General Studies (P1-P6): People and Environment; Science and Technology in Everyday Life

Science (P1-P6): Life and Environment; Science, Technology, Engineering and Society

Science (S1-S3): Introducing Science; From Atoms to Materials

Biology (S4-S6): Biotechnology

Technology and Living (S4-S6): Food Science and Technology



香港科學館二樓展覽廳 2/F Exhibition Hall, Hong Kong Science Museum



已包括於常設展覽廳票價內(常設展覽廳逢星期三及全日制學生免費入場)

Included in the ticket price of the Permanent Exhibition Halls (Free admission to Permanent Exhibition Halls on Wednesdays and for full-time students)



創科廊

InnoTech Gallery

科學館最新展廳之一的創科廊，將帶領大家走進前沿科技的世界。在這個展廳裏，大家可探索量子世界與生物科技，認識創新的材料應用、機械人技術，以及電腦與人工智能的相關知識。

我們日常使用的電腦跟量子電腦有甚麼分別？疫苗是如何製造的？人工智能背後又蘊含甚麼原理？透過互動展品親身探索科技奧祕，讓我們認識各項創新技術為未來帶來的嶄新可能。

One of the newest Galleries at the Hong Kong Science Museum, the InnoTech Gallery focuses on the world of cutting-edge technology. Visitors can explore the quantum world and biotechnology, discover innovative applications of materials and robotics, and learn about computers and artificial intelligence.

What are the differences between classical computers and quantum computers? How are vaccines made? And what principles lie behind artificial intelligence? Explore the secrets of technology through interactive exhibits and discover how innovative technologies are creating new possibilities for the future.



機械狗隆重登場 The Dogs are Out

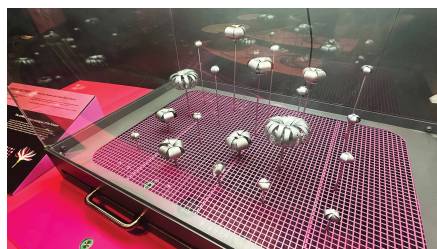
機械人如何在日常生活中幫助我們呢？展覽中的機械狗能適應複雜地形，靈活地走動。來看看它們如何協助人類完成不同任務。

How robots integrate into our daily life? These robotic dogs in the exhibition can adapt to complex terrain and move with agility. Come and see how they can assist us with different tasks.

人工神經網絡 Artificial Neural Network

人工神經網絡是人工智能深度學習的重要基礎。參觀者可在螢幕上繪畫貓，了解人工智能如何辨認圖像是否真的為「貓」。

An Artificial Neural Network (ANN) is the main component of deep learning in AI. By drawing a "cat" on the screen, visitor will learn how AI recognises if the image is truly a "cat" by ANN.



花之變形 Floral Transformers

這些花朵由名為「鎳鈦諾」的記憶合金所製成，這種記憶合金會隨着溫度的改變而重新排列其晶格結構，所以這些花朵都會隨溫度而開合！

These flowers are made from a shape-memory alloy called "nitinol". As the temperature changes, the alloy's crystal structure changes, causing the flowers to blossom or close in response to temperature.

聯繫課程 Curriculum Link

科學 (中一至中三)

生物 (中四至中六)

物理 (中四至中六)

資訊及通訊科技 (中四至中六)

設計與應用科技 (中四至中六)

Science (S1-S3)

Biology (S4-S6)

Physics (S4-S6)

Information and Communication Technology (S4-S6)

Design and Applied Technology (S4-S6)



香港科學館二樓展覽廳 2/F Exhibition Hall, Hong Kong Science Museum



已包括於常設展覽廳票價內 (常設展覽廳逢星期三及全日制學生免費入場)
Included in the ticket price of the Permanent Exhibition Halls (Free admission to Permanent Exhibition Halls on Wednesdays and for full-time students)



2026 未來科學大獎展覽

2026 The Future Science Prize Exhibition



「未來科學大獎」由香港未來科學大獎基金會於2016年設立，是由科學家和企業家群體共同發起的科學獎項，旨在獎勵在中國內地、香港、澳門和台灣取得傑出科學成果的科學家，以科學精神影響中國、世界及下一代。「未來科學大獎」設有三大獎項，包括生命科學獎、物質科學獎，以及數學與計算機科學獎。

今年展覽以生活中的科學為主題，除了介紹「未來科學大獎」和歷年香港獲獎者的卓越貢獻，還會透過互動展品，讓參觀者深入瞭解密碼學、催化作用和肝炎病毒等曾獲獎項的相關科學知識。展覽亦介紹本年度獲獎科學家的研究成果，藉此啟發公眾思考科學如何塑造未來。

The Future Science Prize was established by the Future Science Awards Foundation in 2016. Initiated by a group of scientists and entrepreneurs, the prize aims to recognise scientists who have achieved outstanding scientific results in the Chinese Mainland, Hong Kong, Macau or Taiwan, with the goal of inspiring China, the world and the next generation with the spirit of science. The Future Science Prize consists of three awards: the Life Science Prize, the Physical Science Prize, and the Mathematics and Computer Science Prize.

The exhibition this year will focus on science in daily life. In addition to introducing the Future Science Prize and the outstanding contributions of Hong Kong laureates over the years, it will also employ interactive exhibits to allow visitors to explore the underlying sciences behind three award-winning fields in the past: cryptography, catalysis and hepatitis virus. The exhibition also introduces the achievements of this year's laureates, inspiring the public to contemplate how science can shape the future.

康樂及文化事務署、香港未來科學大獎基金會和香港科學院聯合主辦
香港科學館、香港未來科學大獎基金會和香港科學院聯合籌劃
創新科技署資助

Jointly presented by the Leisure and Cultural Services Department,
the Future Science Awards Foundation and the Hong Kong Academy of Sciences
Jointly organised by the Hong Kong Science Museum,
the Future Science Awards Foundation and the Hong Kong Academy of Sciences
Funded by the Innovation and Technology Commission

聯繫課程 Curriculum Link

科學 (中一至中三)
生物 (中四至中六)
化學 (中四至中六)
資訊及通訊科技 (中四至中六)

Science (S1-S3)
Biology (S4-S6)
Chemistry (S4-S6)
Information and Communication Technology (S4-S6)



16.10.2026 – 18.11.2026



香港科學館地下展覽廳 G/F Exhibition Hall, Hong Kong Science Museum



已包括於常設展覽廳票價內 (常設展覽廳逢星期三及全日制學生免費入場)
Included in the ticket price of the Permanent Exhibition Halls (Free admission
to Permanent Exhibition Halls on Wednesdays and for full-time students)



hkscmp@lcsd.gov.hk



2026 邵逸夫獎展覽

The Shaw Prize 2026 Exhibition

「邵逸夫獎」為科學界重要的國際性獎項，分別設有天文學獎、生命科學與醫學獎，以及數學科學獎三個獎項，並會在2027年起增設計算機科學獎。香港科學館和邵逸夫獎基金會將聯合舉辦專題展覽，為大家介紹本年度「邵逸夫獎」各得獎者及他們的傑出貢獻，深入淺出地講解相關的科學知識，引領各位探索這些頂尖科學家的研究之旅。

The Shaw Prize is a remarkable international award in the scientific field which consists of three annual awards: the Prize in Astronomy, the Prize in Life Science and Medicine, and the Prize in Mathematical Sciences. A new prize category in Computer Science will be established in 2027. The Hong Kong Science Museum and The Shaw Prize Foundation will jointly organise a special exhibition to introduce this year's Shaw Laureates, their outstanding contributions and provide accessible scientific knowledge of their respective fields of interest. This exhibition will guide you to discover the research journey of these elite scientists.

康樂及文化事務署與邵逸夫獎基金會聯合主辦

香港科學館、香港太空館、教育局及香港教育城聯合籌劃

Jointly presented by the Leisure and Cultural Services Department
and The Shaw Prize Foundation

Jointly organised by the Hong Kong Science Museum,
the Hong Kong Space Museum, the Education Bureau and
the Hong Kong Education City

聯繫課程

Curriculum Link

科學 (中一至中三)

生物 (中四至中六)

物理 (中四至中六)

Science (S1-S3)

Biology (S4-S6)

Physics (S4-S6)



30.10.2026 – 6.1.2027



香港科學館一樓大堂 1/F Main Lobby, Hong Kong Science Museum



免費入場 Free Admission



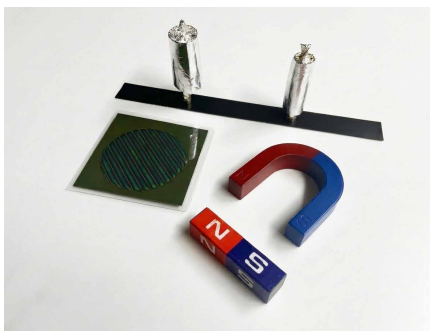
hkscmpp@lcsd.gov.hk

小小科學家探索活動

Little Scientists Exploration Programme

小小科學家探索活動旨在藉着饒富趣味的實驗，啟發高小學生對科學的興趣。本學年全新推出的活動「電磁全接觸」，將透過一連串實驗，帶領學生從認識電路與磁場的基礎知識開始，循序漸進探索電磁學的相關現象及應用。

The Little Scientists Exploration Programme aims to spark senior primary students' interest in science through engaging, hands-on experiments. This school year's brand-new programme, "Shocking Fun: Hands-on Electromagnetism", guides students step by step from learning the basics of electric circuits and magnetic fields to exploring electromagnetic phenomena and their applications.



聯繫課程

Curriculum Link

常識(小四至小六)：日常生活中的科學與科技

科學(小四至小六)：物質、能量和變化

General Studies (P4-P6): Science and Technology in Everyday Life

Science (P4-P6): Matter, Energy and Changes



10.2026 – 7.2027

有關活動日期，請查閱網頁

Please refer to the website for the dates of the programme



香港科學館地下實驗室 G/F Laboratory, Hong Kong Science Museum



每位學生\$39元 \$39 per student



粵語 Cantonese



「QK廚房」到校活動—藍莓成醬好化學

“QK Kitchen” School Outreach Programme – Jamming with Chemistry: What Makes Jam Set?

由科學推廣組舉辦的「QK廚房」到校活動，透過工作坊及流動展覽，將食物科學帶進校園。本學年活動以果醬製作為主題，介紹食材特性及相關科學原理，將課本知識轉化為可觀察、可實踐、可品嚐的學習體驗。學生在親手製作果醬的過程中，探索科學與日常生活的關係，感受科學的樂趣，並培養求知與探索精神。

Organised by the Science Promotion Unit, the “QK Kitchen” School Outreach Programme brings food science into schools through workshops and mobile exhibitions. This academic year's programme focuses on jam-making, introducing the properties of ingredients and the related scientific principles. It transforms textbook knowledge into an observable, practical and tasty learning experience. Through hands-on jam making, students explore the connection between science and everyday life, discover the joy of science and develop a spirit of inquiry and exploration.



學生親手製作美味的藍莓果醬
Students making delicious blueberry jam

聯繫課程 Curriculum Link

科學(中一至中三): 科學入門、常見的酸和鹼、健康的身體

化學科(中四至中六): 酸和鹽基

生物科(中四至中六): 細胞與生命分子

Science (S1-S3): Introducing Science, Common Acids and Alkalis, A Healthy Body

Chemistry (S4-S6): Acids and Bases

Biology (S4-S6): Cells and Molecules of Life

 **11.2026 – 7.2027**

 由中學提供的場地 Venues provided by secondary schools

 免費 Free

 粵語 Cantonese



「好奇號—納米世界」漫畫圖說展板外借服務

“Gear Up — Nano World” Comic Panels Loan Service



「好奇號—納米世界」漫畫圖說展板以趣味故事帶領學生探索納米科學。主角Neo和Nana為尋找失蹤的納米博士，前往納米世界冒險。學生可從他們的旅程認識納米科學概念及納米科技的生活應用，並配合活動小冊子搜集線索、完成解謎任務，找尋納米博士的下落。

“Gear Up — Nano World” Comic Panels take students on an exciting journey into the amazing world of nanoscience! Join Neo and Nana as they search for the missing Dr. Nano, learning nanoscience concepts and everyday applications of nanotechnology along the journey. With an activity booklet, students can gather clues, solve puzzles, and track down Dr. Nano's whereabouts.

聯繫課程

Curriculum Link

常識(小四至小六)：日常生活中的科學與科技

科學(中一至中三)：物質的粒子觀；從原子到材料

化學(中四至中六)：物料化學

物理(中四至中六)：原子世界

General Studies (P4-P6): Science and Technology in Everyday Life

Science (S1-S3): Matter as Particles; From Atoms to Materials

Chemistry (S4-S6): Materials Chemistry

Physics (S4-S6): Atomic World



10.2026 – 8.2027



學校提供的場地 Venues provided by schools



免費(校方須自行安排運送、裝拆及歸還展板)

Free (Schools are responsible for installation, dismantling and round-trip transportation of the panels)



所有展板設有中英文解說 All panels are bilingual



aciiscspu1@lcsd.gov.hk



教育資源

Education Resources

為提升學生對展覽相關科學的認識，並方便教師計劃博物館參觀活動，香港科學館特別為學校設計了各種教育資源，包括教師指南、趣味習作和教育通訊，教師可根據教學需要下載。

To enhance students' understanding of the scientific concepts related to exhibitions and facilitate teachers in planning school visits, the Hong Kong Science Museum has developed a variety of educational resources for schools. These include teachers' guides, activities sheets and education newsletters, all readily available for teachers to download at their convenience.

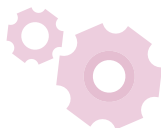


學校參觀

School Visit

香港科學館一直以提供高質素並富趣味性的教育活動為目標，希望為師生提供一個學習科學的好去處。凡學校團體人數達20人或以上，或特殊學校團體人數達10人或以上，即可以學校名義申請學校參觀。

Hong Kong Science Museum has been providing quality and interesting educational activities for both students and teachers, making the Museum a wonderful place for all to learn science. School groups of 20 or more members, or groups from special schools of 10 or more members, are eligible for School Visit Application.



學校參觀申請
School Visit Application



李約瑟科技與文明基金會

STEAM 教育公開講座

The Joseph Needham Foundation for Science and Civilisation Public Lectures on STEAM Education

本講座系列旨在推動科學、科技、工程、藝術和數學教育，以及讓學生認識與STEAM相關課題的最新發展。今年的一系列講座涵蓋多個範疇，從基因工程技術到天文觀測，並探討人工智能及其在環境可持續和防災上的應用等等，內容豐富，不能錯過！

This lecture series aims to promote Science, Technology, Engineering, Arts and Mathematics education, and to let students learn about the latest development of various topics related to STEAM. This year's series of lectures covers a wide range of topics, from gene-editing technology to astronomical observation, and also explores artificial intelligence and its applications in environmental sustainability and disaster prevention. These engaging lectures are definitely not to be missed.



香港科學館與李約瑟科技與文明基金會、教育局及香港科學院聯合主辦

Jointly organised by the Hong Kong Science Museum, the Joseph Needham Foundation for Science and Civilisation, the Education Bureau and the Hong Kong Academy of Sciences



2.12.2026, 9.12.2026, 27.1.2027 & 3.3.2027 | 3:00pm – 4:15pm



香港科學館一樓演講廳 1/F Lecture Hall, Hong Kong Science Museum



2731 5442



info@jnfschk.org



「科學為民」服務巡禮 2026

參加者凡參與「科學為民」服務巡禮的任何一節講座或科學體驗活動後，即可獲蓋章一個，集齊五個即可換取紀念品乙份。紀念品數量有限，先到先得，換完即止。

Participants will receive a stamp after attending any one of the lectures or science exploration activities of "Science in the Public Service". Upon collection of five stamps, participants can redeem a souvenir. Souvenirs are available on a first-come, first-served basis while stocks last.

常識 (小一至小六)
科學 (中一至中三)
地理 (中四至中六)
資訊及通訊科技 (中四至中六)

General Studies (P1-P6)
Science (S1-S3)
Geography (S4-S6)
Information and Communication Technology (S4-S6)



香港科學館及其他合作夥伴場地 Hong Kong Science Museum and Partners' Venues



enquiry@science.gov.hk



學校活動查詢 School Programme Enquiries

星期一至五 Mon to Fri 9:00am–1:00pm, 2:00pm–5:00pm

公眾假期除外 Except public holidays

☎ 2732 3220 🖨 2311 2248

✉ hkscmschool@lcsd.gov.hk

訂閱電子教育資訊 Subscribe to e-Education Community

登記訂閱電子資訊以收取我們的最新展覽、節目、教育資源和教育通訊。

Join our mail list to get the latest exhibition updates, programmes, education resources and education newsletters delivered directly in your inbox!



追蹤我們 Find us on

