

香港科學館 HONG KONG SCIENCE MUSEUM

# 教育通訊 Education Newsletter

春季 SPRING 2026

第四十四期 VOL.44

香港科學館  
HONG KONG  
SCIENCE MUSEUM



周年  
ANNIVERSARY

ENJOY  
SCIENCE

樂在科學·無限趣味

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FUN

# 生活科技廳

## Living Tech Gallery



香港科學館全新的生活科技廳已於今年二月正式啟用。展覽引領學生探索科技如何融入日常生活——無論是在出行、居家還是飲食方面，科技的蹤影處處可見。場內設有約二十組互動展品，讓學生體驗自動駕駛的魅力、發掘物聯網的無限潛能、探索綠色建築物料的驚喜應用，並重新思考永續飲食的未來可能。在這裏，我們將看到不同組織和機構如何以智慧科技鋪設美好生活的實踐路徑。

讓我們一同踏上探索之旅，深入了解各種生活科技的應用，掌握未來發展趨勢。改變，就從日常開始。

The Hong Kong Science Museum's new Living Tech Gallery opened this February. The exhibition guides students to explore how technology is integrated into daily life—whether in travel, home living, or dining, traces of technology are everywhere. Through around 20 sets of interactive exhibits, students can experience the excitement of autonomous driving, uncover the limitless potential of the Internet of Things, explore the incredible applications of green building materials, and rethink the future possibilities of sustainable diets. Here, we will witness how various organisations and institutions are using smart technologies to pave practical pathways towards a better life.

Let us embark on this journey of exploration together to gain deeper insights into various living technology applications and grasp future development trends. Transformation begins with our daily lives.



自動駕駛依靠先進感應器、人工智能與機器學習以應對路面狀況，而人類則憑藉駕駛經驗作出反應。齊來參加這場駕駛競賽，看看哪一方會更有優勢！

Autonomous driving relies on advanced sensors, artificial intelligence (AI), and machine learning to navigate road conditions, while humans rely on their

driving experience to react. Come and join this driving competition and see which side holds the advantage!

現代科技已逐步融入家居生活，我們可以把居室化身為智能健身房，制定最合適的個人化訓練計劃，並在人工智能教練指導之下學習瑜伽動作！

Modern technologies are gradually being integrated into our homes, transforming living rooms into smart gyms where personalised training plans can be created, and yoga poses can be learnt under the guidance of an AI coach!



各種創新生物基材料可作為傳統建材的環保替代品，大家可以透過建構這環保小屋，了解這些創新材料的來源、特性與用途。

Various innovative bio-based materials can serve as eco-friendly alternatives to traditional building materials. We can explore the origins, properties, and applications of these materials while building a small house.

這個互動展品讓我們在選購食材時，反思食物的來源及其影響，從而了解如何在每一餐中作出更環保的選擇。

This interactive game encourages us to reflect on the origins and impacts of our food choices while shopping for ingredients, helping us understand how to make greener decisions with regard to each meal.





透過月球居所模型和未來望遠鏡，大家可以縱馳想像，窺探數十年甚至數百年後的交通、居住和飲食場景，激發對未來的無限憧憬。

Through a model of a lunar habitat and future telescopes, we can unleash our imagination, envision how we might travel, live, and dine in the coming decades or even centuries, and ignite boundless aspirations for what lies ahead.

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，不另收費 (逢星期三常設展覽廳免費入場)

Included in the ticket price of the Permanent Exhibition Halls, no additional charge  
(Free admission to Permanent Exhibition on Wednesdays)



# 創科廊

## InnoTech Gallery



展廳介紹五大影響未來科技主題，包括量子科技、材料科技、生物科技、電腦與人工智能及機械人技術。展覽以最新的科技應用，配合簡單科學背景作解說，闡釋從量子電腦到先進脫氧核糖核酸編輯等的科學原理，並揭示這些突破性技術背後的基礎科學和對未來的影響。

This gallery features five pivotal technologies driving modern innovation: Quantum Technology, Materials Technology, Biotechnology, Computers & AI, and Robotics. Showcasing the latest applications alongside accessible scientific explanations, the exhibition elucidates principles ranging from quantum computers to advanced DNA editing. It reveals the fundamental science behind these breakthrough technologies and their profound impact on our future.



### 量子電腦 Quantum Computer

量子電腦與傳統電腦有何不同？展品透過互動遊戲，介紹量子位元及量子門的神奇特質如何使我們能以全然不同的方式處理資訊，並更快找到複雜問題的答案。

How do quantum computers differ from classical ones? Through interactive games, this exhibit introduces qubits, quantum gates and their remarkable properties, which enable us to process information in a fundamentally different way, and find solutions to complex problems much faster.



## 材料薈萃 Materials Gallery

介紹不同材料的特性，及其背後有趣的科學知識。了解科學家與工程師如何巧妙設計、改良和運用這些材料，推動技術創新，提升我們的生活質素。

Explore the unique characteristics of various materials and the science that makes them work. See how scientists and engineers craft and refine these materials through technological advances to improve the way we live.

## 基因編輯 Gene Editing

透過這種基因編輯技術，科學家現在能精準修改生物的DNA，開拓各式各樣的可能應用。這互動展品可讓參觀者編輯DNA以達至不同的目的，如培植特別農作物、治療疾病等。

With this gene-editing technology, scientists can now precisely modify the DNA of living organisms, leading to many possibilities for applications. In this interactive exhibit, you can try editing DNA yourself to achieve various goals, such as cultivating enhanced crops or treating diseases.



## 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，不另收費 (逢星期三常設展覽廳免費入場)

Included in the ticket price of the Permanent Exhibition Halls, no additional charge  
(Free admission to Permanent Exhibition on Wednesdays)



# 裘槎科學周2026

## Croucher Science Week 2026



裘槎科學周2026精彩登場！3月23日至4月12日活動期間將帶來一系列現場科學表演、親子及教師工作坊，還有校園巡迴科學演出，讓參加者探索科學與日常生活的神奇連繫！節目免費參加，部分節目須於網上預先登記。欲知更多活動詳情及登記資訊，請瀏覽裘槎科學周網頁。



Croucher Science Week 2026 is coming soon! From 23 March to 12 April, the programme will feature a vibrant lineup of onsite science performances including Theatre Shows, Family and Teacher Workshops, as well as School Tour Shows. Participants will have opportunities to explore science and the world around us! All programmes are free, with some events requiring prior registration. For more details on programmes and registration information, please refer to the website of "Croucher Science Week".



舉辦機構：

裘槎基金會、教育局、香港科學館

Organised by the Croucher Foundation, the Education Bureau, and the Hong Kong Science Museum

 **23.3.2026 – 12.4.2026**

 免費活動，部分節目須於裘槎科學周網頁報名

All activities are free. Some programmes require registration on the Croucher Science Week website

 英語（現場設粵語傳譯）

Hosted in English, with Cantonese interpretation



# 教師發展活動

## Teacher Development Programme



香港科學館致力推動教師專業發展，定期舉辦展覽預覽、研討會及工作坊，讓教師在探索科學知識的同時，提升課堂活動的設計與策劃能力。老師可瀏覽本館網頁以了解最新資訊。

The Hong Kong Science Museum is committed to promoting the professional development for teachers. It regularly organises exhibition previews, seminars, and workshops, enabling teachers to enhance their ability to design and plan classroom activities while exploring scientific knowledge. Teachers can visit our website for the latest information.



23.4.2026、28.5.2026



香港科學館 Hong Kong Science Museum



免費 Free



# 香港學生科學比賽2026得獎作品展覽

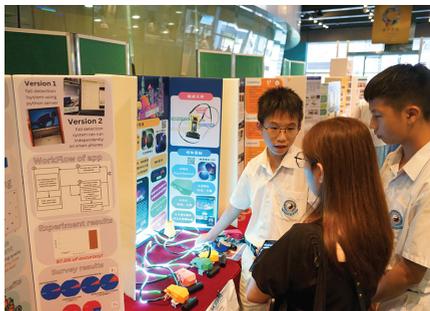
## Hong Kong Student Science Project Competition (HKSSPC) 2026 Winning Projects Exhibition

香港學生科學比賽2026由香港青年協會、教育局及香港科學館合辦，旨在提高青年對科學和科技的興趣，透過對科學和科技的探索，以及創新應用來激發他們的創意和科學頭腦，啟導他們的科技才能。

今年比賽的得獎隊伍將帶同研究作品及發明品，親臨香港科學館向公眾講解他們的研究理念和背後的科學。歡迎有興趣的老師和同學到場參觀！

The Hong Kong Student Science Project Competition (HKSSPC) 2026, jointly organised by the Hong Kong Federation of Youth Groups, Education Bureau and Hong Kong Science Museum, aims at promoting the interest of youths in science and technology, developing their creativity and scientific mindset through better understanding and innovative application of science and technology, and inspiring their intellect in these fields.

The winning teams of this year's competition will showcase their research projects and inventions at the Hong Kong Science Museum, where they will explain their research ideas and science behind their work to the public. Teachers and students are invited to explore and be inspired!



### 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)

化學 (中四至中六)

Science (S1-S3)

Biology (S4-S6)

Physics (S4-S6)

Chemistry (S4-S6)

 **9.5.2026** | 1:00 – 5:00pm

 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，不另收費

Included in the ticket price of the Permanent Exhibition Halls, no additional charge



# 「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」漫畫圖說展板外借服務透過趣味故事，帶領學生探索納米科學！

故事中，主角Neo和Nana為了尋找失蹤的納米博士，結伴走進納米世界展開一段精彩的冒險旅程。學生可藉主角在旅程中的所見所聞，從中認識納米科學的基本概念，並了解納米科技在日常生活中的多種應用。展板配合活動小冊子，學生可協助兩位主角記錄搜集到的線索，完成解謎任務，追尋納米博士的下落。

The "Gear Up — Nano World" comic panels loan service takes students on an exciting adventure into the amazing world of nanoscience!

Join Neo and Nana as they venture into the Nano World to search for the missing Dr. Nano. By following their journey, students will learn key concepts of nanoscience and discover how nanotechnology plays a role in many everyday applications. The panels come with an activity booklet that invites students to help Neo and Nana gather clues, solve puzzles, and track down Dr. Nano's whereabouts.



 **3.2026 – 6.2026**

 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



# 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.



教育資源網頁  
Education Resources Website



# 學校活動

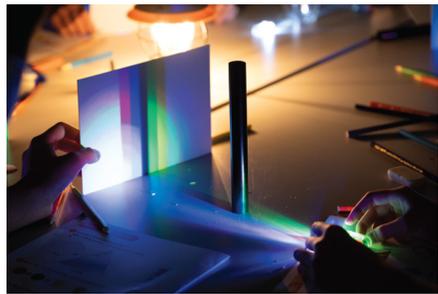
## School Activities

### 小小科學家探索活動「光學實驗室」 Little Scientist Exploration Programme "Optics Lab"



光與我們的生活息息相關，但大家有沒有見過它的「真身」呢？光既為我們帶來色彩繽紛的世界，但同時亦有「黑暗的一面」，這一切都源於光的特性及光學基本原理。本學年小小科學家探索活動主題為「光學實驗室」，透過互動的實驗讓學生了解光的特性和光學的基本原理，並透過小遊戲讓學生即時實踐所學。活動適合小四至小六學生參與。

Light is closely related to our lives, but has anyone ever seen its "true form"? Light not only brings us a colourful world, but also has a "dark side", both of which stem from the characteristics of light and the fundamentals of optics. The theme for this school year - "Optics Lab" introduces the properties of light and the fundamentals of optics through interactive experiments. Additionally, students can apply what they have learned right away through the mini-game. The programme is suitable for P4 to P6 students.



### 學校參觀 School Visit

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。

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

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



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