

2025

國立科學工藝博物館
114 年報



NATIONAL
SCIENCE AND
TECHNOLOGY
MUSEUM

Annual Report






館長序

國立科學工藝博物館作為我國科技教育的重要推動者與知識平臺，始終以「啟發全民科學素養、連結科技與生活」為核心，在全球科技迅速變遷與永續轉型的時代浪潮中，持續鞏固專業基礎、精進治理效能，並積極開拓跨域合作，以創新作為驅動，厚植國家科技教育的韌性與能量。

2025 年本館推動「場域優化暨設施更新計畫」，聚焦於南館活化、北館基礎設施改善、觀眾服務優化及「智慧城市」常設展示廳建置等四大主軸，全面提升空間效能與服務品質，並呼應聯合國永續發展目標（SDGs）、智慧城市及 2050 淨零轉型等國家政策，奠定永續發展的堅實基礎。

在展覽推廣方面，本館與國立高雄科技大學合作更新「職探任意門」常設廳，及部分展示廳更新如動力機械廳、地震體驗屋等；另與國家實驗研究院、國家太空中心合作「國家科技寶藏特展 - 科學家的秘密基地」、與台灣中油公司合作「Next Power 氫能站」，及與文化部文化資產局合辦「烽火船說－水下文化資產」等特展。同時，引進聯合數位文創「teamLab 共創！未來園」與「100% 哆啦 A 夢 & FRIENDS 特展」，以科技結合藝術，打造兼具教育意義與感動體驗的展示內容。未來將持續推動全齡化、多元文化與偏鄉科學教育活動，並落實母語與雙語友善參觀服務，展現博物館推動社會共融的責任與承諾。

在國際合作層面，本館與捷克國家技術博物館於布拉格共同策辦「臺灣卓越造船之旅」特展，並接待日本科學博物館協議會蒞館參訪，深化國際交流與專業連結。為提升全民科學素養與推動創新實作風氣，與國立成功大學共同主辦國科會科普計畫 - 「第 23 屆週日閱讀科



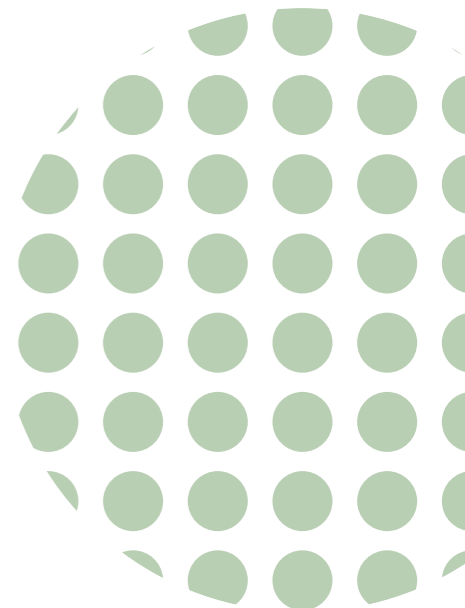
學大師系列講座」、運用 Podcast 節目擴大科普知識傳播，並持續辦理「全國科技教育創意實作競賽」、「機器人大賽」及「2025 臺灣科學節」等全國性活動。

此外，2025 年為本館跨域服務的重要里程碑 - 承接台灣中油公司「宏南宿舍市定古蹟」展示館之經營管理，並於 8 月正式開放，展現本館在專業輔導與文化再生領域的能量與責任。值得一提的是，本館期刊《科技博物》再度榮獲國家圖書館「期刊即時傳播獎」與「長期傳播獎」熱門組雙獎，充分肯定本館在專業研究與知識傳播上的卓越成果。

展望未來，科工館將持續以「啟發探索，創新思維，立足科技，追求永續生活」之使命為核心，深化全齡化科技教育與積極宣導 2050 淨零政策，落實科技共融、實踐永續幸福社會，以穩健步伐邁向世界一流科技博物館之目標，讓博物館成為全民共享的知識基地與永續未來的推動力量。

國立科學工藝博物館館長

李秀鳳





Director-General's Preface

As a key promoter of science and technology education as well as a knowledge platform in Taiwan, the National Science and Technology Museum (NSTM) has always focused on "inspiring scientific literacy for all and connecting technology with everyday life." In this era of rapid global technological change and sustainable transformation, the museum continues to strengthen its professional foundation, enhance governance efficiency, and actively expand cross-disciplinary cooperation. Through innovation as a driving force, we build the resilience and capacity of national science and technology education.

In 2025, the museum advanced the "Venue Optimization and Facility Renewal Project," focusing on four main areas: revitalization of the South Complex, improvement of infrastructure in the North Complex, optimization of visitor services, and construction of the "Smart City" permanent exhibition hall. This comprehensive approach enhanced spatial efficiency and service quality while aligning with national policies such as the United Nations Sustainable Development Goals (SDGs), smart cities, and the 2050 net-zero transformation, laying a solid foundation for sustainable development.

For exhibition promotion, the museum collaborated with National Kaohsiung University of Science and Technology to update the permanent exhibition "Explore Career and Self through the Door," as well as several exhibition halls including Power and Machines and the Earthquake Chamber. The museum also partnered with the National Applied Research Laboratories and the Taiwan Space Agency on "National Technology Treasures Special Exhibition: Scientists' Secret Base," with CPC Corporation Taiwan on "Next Power Hydrogen Energy Station," and co-organized "Wars and Shipwrecks: A Special Exhibition of Underwater Cultural Heritage" with the Bureau of Cultural Heritage, Ministry of Culture. Meanwhile, the museum introduced "teamLab Future Park Kaohsiung" and "100% Doraemon & FRIENDS Special Exhibition" from United Digital Content, combining technology with art to create exhibition content that is both educational and emotionally engaging. Moving forward, the museum will continue to promote activities for all ages, multicultural and remote area science education, and implement national languages and bilingual-friendly services, demonstrating our responsibility and commitment to social inclusion.



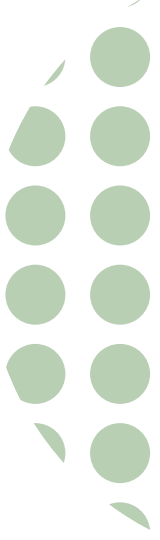
On the international cooperation front, the museum co-organized the special exhibition "Taiwan's Excellence in Shipbuilding Journey" with the National Technical Museum in Prague, Czech Republic, and hosted a delegation from the Japanese Council of Science Museums, deepening international exchanges and professional connections. To enhance scientific literacy nationwide and promote a culture of innovation and hands-on practice, the museum co-hosted with National Cheng Kung University the National Science and Technology Council's science popularization project: "23rd Popular Science Lectures." We also expanded the dissemination of popular science knowledge through podcast programs and continued to organize national events such as the "National Science and Technology Education Creative Practice Competition," "Robotics Competition," and "The 6th Taiwan Science Festival 2025."

Furthermore, 2025 marked an important milestone in the museum's cross-disciplinary services. We assumed operation and management of CPC Corporation Taiwan's "Hongnan Dormitory Municipal Historic Site" exhibition hall, which officially opened in August, demonstrating our capacity and responsibility in professional guidance and cultural regeneration. Notably, the museum's journal "Technology Museum" once again won both the "Journal Instant Dissemination Award" and "Long-term Dissemination Award" in the popular category from the National Central Library, recognizing our outstanding achievements in professional research and knowledge dissemination.

Looking ahead, NSTM will continue to center on our mission of "inspiring exploration, innovative thinking, standing on technology, and pursuing sustainable living." We will deepen science and technology education for all ages, actively promote the 2050 net-zero policy, implement technological inclusion, and practice a sustainable and happy society. With steady steps, we move toward becoming a world-class science and technology museum, making NSTM a knowledge base shared by all and a driving force for a sustainable future.

Director-General, National Science and Technology Museum

Lee, Hsin-feng



04 館長序 / Director-General's Preface

10 本館簡介 / Museum Introduction

16 業務績效 / Performance Achievements

16 蒐藏研究 Collections and Research

24 展示 Exhibition

40 科技教育 Technology Education

56 公共服務 Visitor Services

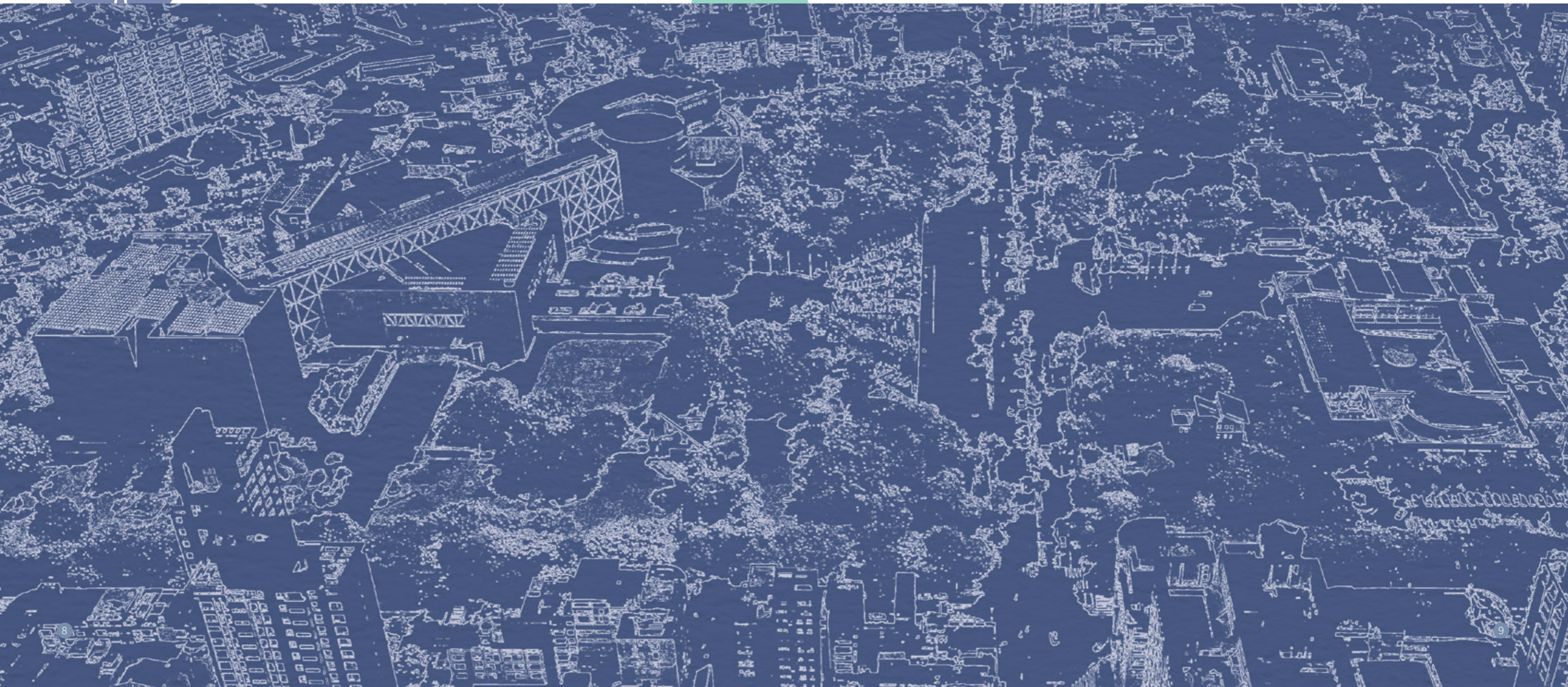
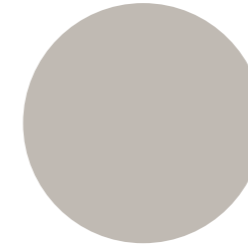
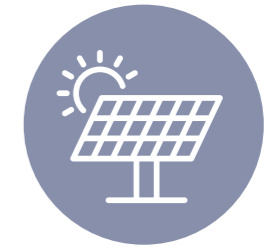
76 環境優化與永續發展 Environmental Optimization and Sustainable Development



86 人事概況 / Personnel Overview

90 財務概況 / Financial Overview

94 2025 年大事紀 / Chronicle of Major Events in 2025

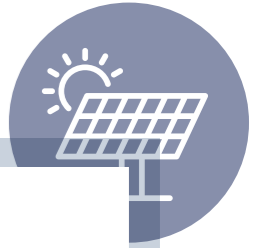




本館簡介



Museum Introduction



歷史沿革

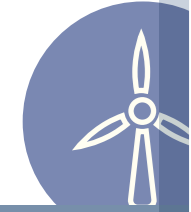
國立科學工藝博物館（以下簡稱科工館）係行政院於 1979 年訂定之 12 項建設計畫中明定興建之中央文教設施之一，是國內第一座應用科學博物館，亦為南台灣第一個國立社教機構。本館籌建歷程簡述如下：

- 1、1986 年 7 月成立籌備處
- 2、1988 年 11 月行政院核定建館整體計畫
- 3、1989 年 10 月 2 日動工興建
- 4、1997 年 1 月 1 日奉行政院及教育部核定改制正式成立
- 5、1997 年 7 月 26 日南館啟用
- 6、1997 年 9 月 21 日基地公園開放
- 7、1997 年 11 月 9 日正式開館

Historical Development

The National Science and Technology Museum (hereinafter referred to as NSTM) was one of the central cultural and educational facilities specified in the 12 Construction Projects determined by the Executive Yuan in 1979. It is the first applied science museum in Taiwan and the first national social education institution in southern Taiwan. The museum's establishment process is briefly described below:

1. July 1986: Establishment of the Preparatory Office
2. November 1988: Executive Yuan approved the overall construction and management plan
3. October 2, 1989: Construction began
4. January 1, 1997: Officially established as approved by the Executive Yuan and Ministry of Education
5. July 26, 1997: South Complex opened
6. September 21, 1997: Ground park opened
7. November 9, 1997: Official opening



園區介紹

本館位於高雄市三民區九如一路（原高雄市六號公園內），佔地面積 18.35 公頃，分為南館與北館：

北館：建築面積 15,007.55 平方公尺，設置行政中心、常設展示廳、特展廳、多功能大銀幕電影院、開放式典藏庫、创客工場、科學教室等觀眾服務設施。

南館：建築面積 5,412.61 平方公尺，設置科普圖書館、多功能度量衡廣場、大型演講廳、研討教室、典藏庫、樂活節能屋及員工子女非營利幼兒園等場所。

Park Introduction

Located on Jiuru 1st Road, Sanmin District, Kaohsiung City (formerly Kaohsiung City Park No. 6), the Museum occupies 18.35 hectares and is divided into South and North Complexes:

North Complex: Building area of 15,007.55 square meters, housing the administrative center, permanent exhibition halls, special exhibition halls, Multifunctional 3D Theater, Open Storage, True Dreamland, science classrooms, and other visitor service facilities.

South Complex: Building area of 5,412.61 square meters, housing the Popular Science Library, Multifunctional Measurement Square, auditorium, Meeting Rooms, Collections Storage, and LOHAS Energy Conservation House, and non-profit kindergarten for staff children.

本館鳥瞰圖
Aerial View of the NSTM



館徽說明

本館館徽融合幾何與太極圖形。幾何造型代表科學的規則性，也標示出本館建築的特色 – 圓形館、三方館、二方館、三角大廳等；太極圖形則象徵人文的精神，其蘊含的陰與陽、天與地的觀念，傳達出科技與人文相生相輔的崇高理想。色彩運用冷靜的藍與親切的紅，為應用科學與人類生活的互動關係，作了更進一步的詮釋。



建館宗旨

本館以推廣社會科技教育為主要功能，透過研究、設計、展示各項科技主題，引介重要科技之發展及對人類生活的影響。

發展目標

1. 充實民眾科技知識，啟發國民研究科技興趣，提升國民科技素養。
2. 推動社會教育及科普教育，建構優質終身學習場域，促進公眾全齡化、多元化學習。
3. 透過蒐藏、研究、展示、教育、文創拓展與國內外博物館之交流、合作，提升博物館專業影響力。
4. 發展並運用參與、合作、近用、平權策略，彰顯博物館的多樣性、永續性、易近性及包容性。
5. 營造友善、安全、舒適、智慧化之環境，提供美好、獨特、愉悅、創新的服務，成為世界一流的應用科技博物館。

Museum Logo Description

The Museum logo combines geometric and tai-chi patterns. The geometric design represents the regularity of science and highlights the Museum's architectural features: circular hall, tri-square hall, bi-square hall, and triangular lobby; the tai-chi pattern symbolizes humanistic spirit, with its concepts of yin and yang, heaven and earth, conveying the lofty ideal of science and humanities complementing each other. The color scheme uses cool blue and friendly red to further interpret the interactive relationship between applied science and human life.

Founding Purpose

The Museum's main function is to promote social technology education, introducing important technological developments and their impact on human life through research, design, and exhibition of various technology themes.

Development Goals

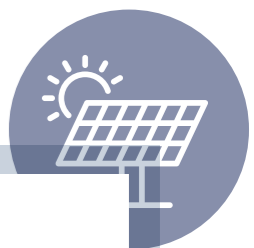
1. Enrich public knowledge of technology, inspire interest in scientific research, and enhance national technological literacy.
2. Promote social education and popular science education, build a high-quality and diverse lifelong learning venue, and facilitate public age-inclusiveness.
3. Enhance museum professional influence through collection, research, exhibition, education, cultural creativity, and exchanges and cooperation with domestic and international museums.
4. Develop and implement strategies for participation, cooperation, accessibility, and equality, striving to become a comprehensive institution combining education, research, entertainment, and social services.
5. Create a friendly, safe, comfortable, and smart environment, and provide pleasant and innovative services to become a world-class applied technology museum.



業務績效



Performance Achievements



蒐藏研究

2025 年持續將暫時性典藏品改列為永久典藏品、徵集重要科技文物、發表多篇論文並提出重要產業報告及辦理推廣活動，深化公眾對科學文物的認識。

蒐藏成果

1、徵集入藏：近 5 年蒐藏成果詳見表 1。

表 1 近 5 年蒐藏品統計表

項目 年度	合計	採集	購買	受贈	轉移	其他	累計藏 品數量	累計暫 管數量
2025 年	3,204	0	0	1	0	3,203*	56,840	1,881
2024 年	2	0	0	2	0	0	53,636	1,881
2023 年	39	0	0	22	17	0	53,634	1,881
2022 年	99	4	0	81	14	0	53,595	1,881
2021 年	122	19	0	64	39	0	53,496	1,880

註：配合執行「館藏群組文物重編登錄號工作計畫」，2025 年完成部分風行初號銅模、部分五號銅模、部分一號鉛字重編登錄號，共計新增 3,205 件登錄號；因同批文物原列 2 個登錄號列為註銷登錄號，總計本次增加 3,203 件登錄號。



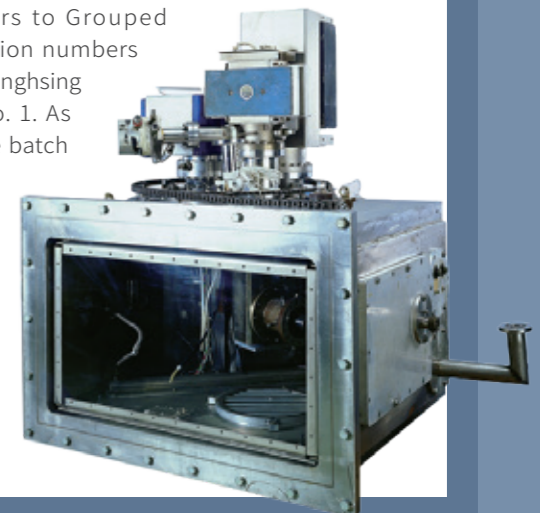
聲寶拿破崙電視機
Sampo Television (Napoleon)



Hopkinson & Cope Albion 印刷機
Hopkinson & Cope Albion Printing Press



英國 Cooke, Troughton & Simms 經緯儀
Cooke, Troughton & Simms Theodolite (UK)



第一件科技文物國寶 - 交叉分子束儀器
The First National Treasure of Scientific

Collections and Research

In 2025, the museum continued to reclassify temporary collections as permanent acquisitions, acquire important technological artifacts, publish multiple papers, present significant industry reports, and organize outreach activities, thereby deepening public understanding of scientific artifacts.

Collection Achievements

1. Acquisition and Collection: Collection achievements over the past five years are detailed in Table 1.

Table 1. Statistics of Collections over the Past Five Years

Items Year	Total	Collected	Purchased	Donated	Transferred	Others	Cumulative Collection Count	Temp. Custody Objects (Cum.)
2025	3,204	0	0	1	0	3,203*	56,840	1,881
2024	2	0	0	2	0	0	53,636	1,881
2023	39	0	0	22	17	0	53,634	1,881
2022	99	4	0	81	14	0	53,595	1,881
2021	122	19	0	64	39	0	53,496	1,880

Note: In coordination with the implementation of the "Project for Reassigning Registration Numbers to Grouped Collection Objects," 3,205 new registration numbers were completed in 2025 for portions of Fonghsing Matrix Type I, Matrix No. 5, and Type No. 1. As two registration numbers from the same batch of artifacts were originally listed as canceled, a net total of 3,203 registration numbers were added.

2、蒐藏利用：除於本館常設展示廳及公共空間展出，亦貸出於館外展覽，近 5 年蒐藏利用統計如表 2。

表 2 近 5 年科技文物蒐藏品利用統計表

項目 年度	合計	研究	展示	數位化網站	圖像授權
2025 年	22,302	1,093	2,611	18,592	6
2024 年	36,759	34,445	2,264	45	5
2023 年	3,222	44	3,173	-	5
2022 年	3,019	61	2,956	-	2
2021 年	3,119	102	3,008	-	9

註：本館「數位典藏檢索」系統於 2024 年 12 月正式對外開放運用。

3、文物修復：配合本館展示並爭取外部合作計畫，進行文物檢視、修復與維護，如本館「星動時刻·量測傳說特展」、「魔模時光機－臺灣鑄造木模文物展」及館藏古鎖文物的修復。另協助國家鐵道博物館籌備處修復日治時期立式鏟床、台灣糖業股份有限公司修護木模設計原稿及國土測繪中心修復早期羅盤儀。



於鐵道博物館籌備處進行日治時期立式鏟床作動測試。
Conducting operational testing of the Japanese colonial period vertical boring machine at the Preparatory Office of the Railway Museum.

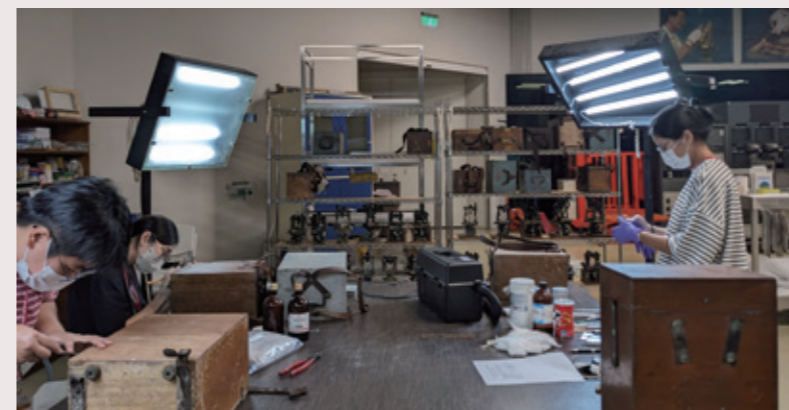
2. Collection Utilization: In addition to displays in the museum's permanent exhibition halls and public spaces, collections are also loaned for exhibitions outside the museum. Statistics on collection utilization over the past five years are shown in Table 2.

Table 2. Statistics on Technological Artifact Collection Utilization Over the Past 5 Years

Item Year	Total	Research	Exhibition	Digitization Website	Image Authorization
2025	22,302	1,093	2,611	18,592	6
2024	36,759	34,445	2,264	45	5
2023	3,222	44	3,173	-	5
2022	3,019	61	2,956	-	2
2021	3,119	102	3,008	-	9

Note: The museum's "Digital Archives Search Website" system was officially opened to the public in December 2024.

3. Artifact Restoration: In coordination with the museum's exhibitions and through external collaborative projects, we conducted artifact inspection, restoration, and maintenance. These included work for the museum's "Measurement Tech Expo," "Wooden Pattern Special Exhibition," and restoration of antique locks in the collection. The museum also assisted the Preparatory Office of the National Railway Museum in restoring a Japanese colonial period vertical boring machine, Taiwan Sugar Corporation in restoring wooden pattern design manuscripts, and the National Land Surveying and Mapping Center in restoring early compass instruments.



協助國土測繪中心進行典藏早期羅盤儀之修復作業。
Assisting the National Land Surveying and Mapping Center in restoration work on early compass instruments in the collection.



協助台灣糖業股份有限公司進行木模設計原稿之修復作業
Assisting Taiwan Sugar Corporation in restoration work on wooden pattern design manuscripts.

研究成果

研究人員以自身業務或運用本館蒐藏進行研究，近 5 年研究成果詳如表 3。

表 3 近 5 年研究成果統計表

項目 年度	期刊 論文	研討會 論文	研究 計畫	獲邀學 術演講	學術研 討會	學術 講座
2025 年	14	29	3	12	1	15
2024 年	25	29	10	1	2	16
2023 年	25	33	7	1	1	18
2022 年	35	45	16	5	2	18
2021 年	35	45	16	5	2	18



與故宮及南藝大合辦「2025 第一屆博物館學與保存維護國際雙年學術研討會」
Co-organized with the National Palace Museum and Tainan National University of the Arts the "2025 First International Biennial Conference on Museology and Conservation Future of Museums and Heritage Conservation"

推廣成果

1、**推廣活動**：透過各類體驗活動及主題特展推廣藏品，提升藏品對公眾之吸引力。2025 年推廣成果如表 4。

表 4 2025 年推廣成果一覽表

推廣方式	活動成果	藏品使用
科普教育推廣	主題推廣活動：14 場 假日科學體驗活動：5 場 教師研習：6 場 行動教具及科學知識宣導活動：13 場	量測類 8 件
藏品體驗工作坊 / 展演活動	修復類課程：2 場 翻模體驗課程：1 場 藏品互動體驗活動：5 場	量測類 9 件 機械類 42 件
文物展示及運用	主題特展：3 場	機械類 42 件 量測類 18 件

Research Achievements

Researchers conduct studies based on their professional work and utilizing the museum's collections. Research achievements over the past five years are detailed in Table 3.

Table 3. Statistics on Research Achievements over the Past Five Years

Item Year	Journal Papers	Conference Papers	Research Projects	Invited Academic Lectures	Academic Conferences	Academic Lectures
2025	14	29	3	12	1	15
2024	25	29	10	1	2	16
2023	25	33	7	1	1	18
2022	35	45	16	5	2	18
2021	35	45	16	5	2	18

Outreach Achievements

1. **Outreach Activities**: Through various experiential activities and thematic special exhibitions, we promoted collections and enhanced their appeal to the public. The 2025 outreach achievements are shown in Table 4.

Table 4. Overview of 2025 Outreach Achievements

Outreach Method	Activity Results	Collection Usage
Popular Science Education Promotion	Thematic promotion activities: 14 sessions Weekend science experiential activities: 5 sessions Teacher training workshops: 6 sessions Mobile teaching aids and science knowledge advocacy activities: 13 sessions	8 measurement-related items
Collection Experience Workshops/ Performance Activities	Restoration courses: 2 sessions Molding experience courses: 1 session Collection interactive experience activities: 5 sessions	9 measurement-related items 42 machinery-related items
Artifact Display and Utilization	Thematic special exhibitions: 3 sessions	42 machinery-related items 18 measurement



配合水保活動進行文物宣導
Conducting artifact advocacy in coordination with soil and water conservation activities



於國立臺灣科學教育館辦理大災問 - 防災科普嘉年華活動
Organizing the Great Disaster Question - Disaster Prevention Popular Science Carnival at the National Taiwan Science Education Center



度量衡教具推廣 - 國境之南 - 迎曦科學列車
Measurement Teaching Aids Outreach Southernmost Point: Dawn Science Train



「520 世界計量日」科學教育推廣活動
"520 World Metrology Day" Science Education Promotion Activity

2、**出版品：**由本館發行之《科技、醫療與社會》期刊為科技與社會領域研究發表之重要刊物。同為本館發行之《科技博物》期刊，2025 年 4 月 28 日再度於國家圖書館「臺灣期刊資源學術能量風貌報告發布會」中榮獲藝術學學門「熱門期刊傳播獎（五年引用）」及「熱門期刊傳播獎（長期引用）」。近 5 年出版品統計表如表 5。

表 5 近 5 年出版品統計表

項目	書籍	期刊
2025 年	1	2
2024 年	2	2
2023 年	2	2
2022 年	2	2
2021 年	2	2



本館發行之《科技博物》期刊榮獲「熱門期刊傳播」五年引用獎（左）及長期引用獎（右）
The museum's "Technology Museum" journal won the "Popular Journal Dissemination" Five-Year Citation Award (left) and Long-Term Citation Award (right)



「星動時刻·量測傳說」特展 - 小小文物評估員活動
"Measuring Technology Exhibition": Little Artifact Evaluator Activity



彌陀國小教師研習
Mituo Elementary School Teacher Training Workshop

2. **Publications:** The journal "Science, Technology and Society" published by the museum is a significant publication for research in science and social studies. Another museum publication, "Technology Museum" journal, once again won both the "Popular Journal Dissemination Award (Five-Year Citation)" and "Popular Journal Dissemination Award (Long-Term Citation)" in the field of art studies at the National Central Library's "Taiwan Journal Resources Academic Energy Landscape Report Release Conference" on April 28, 2025. Statistics on publications over the past five years are shown in Table 5.

Table 5. Statistics on Publications over the Past Five Years

Items	Books	Journals
2025	1	2
2024	2	2
2023	2	2
2022	2	2
2021	2	2

展示

2025 年持續辦理常設展廳更新，並透過展示廳召集人制度、館藏品融入展示內容、開發實境解謎遊戲等方式活絡展示廳，為觀眾營造豐富的參觀體驗。

常設展示廳更新

透過策辦常設展示廳更新，為展示注入新活力，並將館藏品結合展示資源，有效提升本館展示及蒐藏研究專業量能。近 5 年常設展示廳更新情形如表 6。

1、展廳全面更新

(1) 職探任意門

「職探任意門」以沉浸式場景展示超過 50 個科別、64 種職業的內容。觀眾可持「探索通行證」闖關 6 大任意門並蒐集卡牌，探索多元職涯體驗。

表 6 常設展示廳更新一覽表

項目 年度	常設展示廳更新	
	展廳全面更新	展廳部分更新
2025 年	2	13
2024 年	0	3
2023 年	0	3
2022 年	1	5
2021 年	0	4



我是船長互動單元體驗
"I Am the Captain" Interactive Exhibit



2040 職業新圖鑑
The New Career Atlas 2040



鋼筋固定座固定器介紹
Introduction to the Rebar Anchor Fixing Device

Exhibition

In 2025, the museum continued to update permanent exhibition halls and revitalized these spaces through the exhibition hall convener system, integration of collections into exhibition content, and development of live-action puzzle-solving games, creating enriching experiences for visitors.

Permanent Exhibition Hall Updates

Through planning and implementing updates to permanent exhibition halls, we injected new vitality into exhibitions and combined collections with exhibition resources, effectively enhancing the museum's professional capacity in both exhibitions and collections research. The status of permanent exhibition hall updates over the past five years is shown in Table 6.

Table 6. Overview of Permanent Exhibition Hall Updates

Items Year	Permanent Exhibition Hall Updates	
	Full Exhibition Hall Updates	Partial Exhibition Hall Updates
2025	2	13
2024	0	3
2023	0	3
2022	1	5
2021	0	4

1. Full Exhibition Hall Updates

(1) Explore Career and Self through the Door

"Explore Career and Self through the Door" features immersive scenes displaying content from over 50 departments and 64 professions. Visitors can use an "Exploration Pass" to challenge six major doors and collect cards while exploring diverse career experiences.

(2) 樂活節能屋

「樂活節能屋」以生活化的場景展示節能科技如何融入日常居家環境，打造低耗能又舒適的住宅環境。更新內容聚焦於節能節電方式，讓觀眾透過情境化互動理解節電的重要性，並鼓勵民眾在生活中落實永續節能行動。



黑暗終結者
Darkness Terminator

看電視小心機
Watching TV with Care

(2) LOHAS Energy Conservation House

"LOHAS Energy Conservation House" uses life-like scenes to demonstrate how energy-saving technology integrates into daily home environments, creating low-energy yet comfortable residential spaces. The updated content focuses on energy-saving and electricity conservation methods, enabling visitors to understand the

importance of electricity conservation through contextualized interaction and encouraging people to implement sustainable energy-saving actions in their daily lives.

省電神隊友
Energy-Saving Teammate



2、展廳部分更新

2025 年共進行 13 檔展廳部分更新 (表 7)，聚焦在深化互動與體驗、展示內容更新及展示介面與動線優化。

表 7 展廳部分更新

更新項目	展廳 / 展區名稱	更新重點與內容
深化互動與體驗	動力機械廳	鎖具展區加入古代與現代鎖具，並設置解密體驗。
	健康探索廳	導入 AI 互動技術，提供即時健康指標分析。
	地震體驗屋	以新一代模擬科技重現 921 地震，並強化防災教學內容。
	夢想號展示廳	推出「生命悲歌—小瓶子的旅行」，以沉浸式方式呈現海洋環境議題。
	衣技織長展示廳	導入 AI 多媒體互動設施，並優化入口串接動線。
	科學開門展示廳	修復多項體驗設施，確保互動品質。
	希望·未來 莫拉克風災紀念廳	新增沉浸式劇場與互動單元，強化防災意識教育。
展示內容更新	臺灣農業的故事展示廳	以「循稻再生」為主題，展示稻草文化與永續應用。
	烹調的科學展示廳	更新關於蛋白質與加熱變化的科學資訊。
	科學桂冠 HOPE 展區	透過視覺化與多媒體技術，更新研究成果的呈現方式。
展示介面與動線優化	電信 @ 臺灣展示廳	更新入口意象為光雕投影，提升參觀者的科技體驗感。
	交通夢想廳	完成互動機台的系統整合。
	太空飛行探索廳	調整推廣專區的參觀動線。



體驗設施更新：地震體驗屋
Special Facilities Update: Earthquake Chamber

2. Partial Exhibition Hall Updates

In 2025, we conducted 13 partial exhibition hall updates (Table 7), focusing on deepening interaction and experience, updating exhibition content, and optimizing exhibition interfaces and circulation routes.

Table 7. Partial Exhibition Hall Updates

Update Item	Exhibition Hall / Exhibition Area Name	Update Highlights and Content
Deepening Interaction and Experience	Power and Machines	Added ancient and modern locks to the lock exhibition area with a decryption experience.
	Adventures in Health Land	Introduced AI interactive technology to provide real-time health indicator analysis.
	Earthquake Chamber	Used next-generation simulation technology to recreate the 921 earthquake and strengthened disaster prevention teaching content.
	Fantasy Exhibition Hall	Launched "Life's Lament: Journey of a Small Bottle," presenting ocean environmental issues through immersive storytelling.
	Textile and Clothing Exhibition Hall	Introduced AI multimedia interactive facilities and optimized entrance circulation connections.
	Open Sesame Science Exploration Center	Repaired multiple special facilities to ensure interaction quality.
	Light up the future: Stories of Recovery and Reconstruction after MORAKOT	Added an immersive theater and interactive units to strengthen disaster prevention awareness education.
Exhibition Content Updates	The Story of Taiwan Agriculture Exhibition Hall	Featured "RICE: Reborn · Inspiration · Culture · Evolution" as the theme, displaying rice straw culture and sustainable applications.
	The Science of Cooking Exhibition Hall	Updated scientific information about protein and heating changes.
	Science Laureates HOPE Exhibition Area	Updated the presentation of research results through visualization and multimedia technology.
Exhibition Interface and Circulation Route Optimization	Telecom @ Taiwan Exhibition Hall	Updated entrance image to light sculpture projection, enhancing visitors' sense of technological experience.
	Pavilion of Dream Transport	Completed system integration of interactive machines.
	Space Exploration	Adjusted the circulation route in the promotional area.



動力機械廳更新：探鎖之門
Power and Machines Update: Door of Lock Exploration



健康探索廳更新：AI 運動派對
Adventures in Health Land Update: AI Sport Party



夢想號展示廳更新：生命悲歌—小瓶子的旅行
Fantasy Exhibition Hall Update:
Life's Lament - Journey of a Small Bottle



臺灣農業的故事展示廳更新：循稻再生
The Story of Taiwan Agriculture Exhibition Hall Update:
RICE: Reborn · Inspiration · Culture · Evolution

特展策辦

2025 年辦理 4 檔自策特展、引進 8 檔外界合作特展，並有 9 檔自策特展於國內各地巡迴展出共 16 場次。

1、自策特展

(1) 魔模時光機—臺灣鑄造木模文物展 (2025.10.21-2026.03.31)



Special Exhibitions

In 2025, we organized four self-curated special exhibitions, introduced eight external collaborative special exhibitions, and toured nine self-curated special exhibitions domestically at various locations for a total of 16 sessions.

1. Self-curated Special Exhibitions

(1) Wooden Pattern Special Exhibition (2025.10.21-2026.03.31)



(2) 烽火船說—水下文化資產特展 (2025.07.11-2025.11.30)



(2) Wars and Shipwrecks: A Special Exhibition of Underwater Cultural Heritage
(2025.07.11-2025.11.30)



(3) Next Power 氫能站特展 (2025.06.03-2026.08.14)



(3) Next Power Hydrogen Energy Station Special Exhibition (2025.06.03-2026.08.14)



(4) 「氣候任性·臺灣韌性—高溫篇」特展 (2025.03.27-2025.05.18)



(4) "Climate Change, We Change: Heat" Special Exhibition (2025.03.27-2025.05.18)



2、合作特展



100% 哆啦 A 夢 & FRIENDS 巡迴特展
100% Doraemon & FRIENDS Touring



第六屆「唐獎榮耀展」
2024 The Glory of the Tang Prize Exhibition

2. Collaborative Special Exhibitions



teamLab 共創! 未來園高雄
teamLab Future Park Kaohsiung



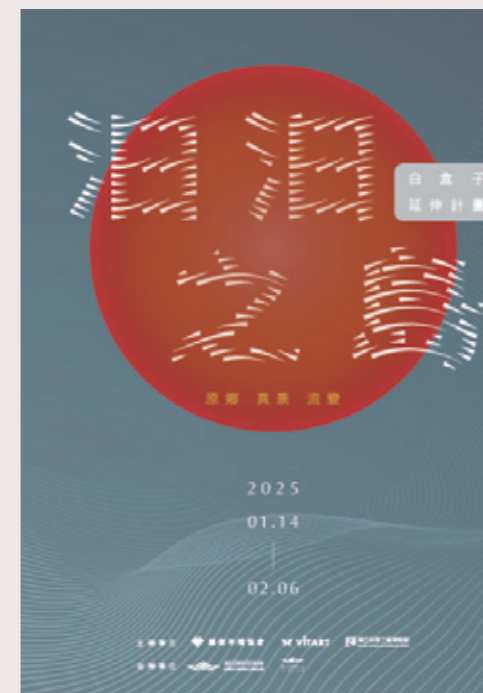
印象派 150 週年光影藝術展—高雄站
Impressionism 150th Anniversary Light and Shadow Art Exhibition - Kaohsiung



彩虹童畫親子樂園
Rainbow Fairytale



熱雪天堂兒童滑雪樂園 2.0
HotSnow Adventure Paradise



白盒子延伸計畫—
汨汨之島 原鄉 · 異景 · 流變 平權特展
White Box Extension Project - Island of Gushing:
Homeland · Exotic Landscape · Transformation
Equal Rights Special Exhibition



國家科技寶藏特展—
科學家的秘密基地 2.0 特展
National Technology Treasures Special
Exhibition: Scientists' Secret Base 2.0 Special
Exhibition

3、巡迴特展

表 8 巡迴特展一覽表

展覽名稱	展覽日期	展覽地點
X 疾病新興傳染病巡迴展	2025.06.27-2025.08.31	屏菸 1936 文化基地
	2025.01.03-2025.04.13	國立公共資訊圖書館
人造關係 開箱：傳播科技特展	2025.06.24-2025.10.26	慈濟新店靜思堂
	2025.03.12-2025.06.08	臺南市立圖書館總館 新總館
	2024.10.09-2025.02.10	臺中東大慈濟靜思堂
水保防災起步走	2025.05.29-2025.09.07	桃園市立圖書館紅梅分館、石門水庫福華渡假飯店
	2025.04.25-2025.05.25	桃園市立圖書館
	2025.02.21-2025.04.20	國立臺灣圖書館
	2024.09.02-2025.02.10	溪頭福華渡假飯店
人體內的縮小軍—創新生醫特展	2025.05.14-2025.09.30	墾丁福華渡假飯店
看不見的尺度—奈米特展	2025.05.04-2025.09.15	慈濟宜蘭靜思堂
憶兒時：南方童樂會特展	2025.03.08-2025.09.06	財團法人豐泰文教基金會
黏 TT 工廠事件簿—黏的體驗與科學特展	2024.10.01-2025.08.31	臺北科教館
	2025.09.22-2026.03.09	慈濟臺中大里靜思堂
潛行探索臺灣—水下文化資產特展	2024.01.11-2025.11.23	臺中文化部文化資產園區
烽火船說 - 水下文化資產特展	2025.11.26-2026.01.25	金門歷史民俗博物館

3. Touring Special Exhibitions

Table 8. Overview of the Museum's Off-site Touring Special Exhibitions in 2025

Exhibition Name	Exhibition Date	Exhibition Location
X Disease - Emerging Infectious Disease Tour Exhibition	2025.06.27-2025.08.31	Pingtung Tobacco Factory 1936 Culture Base
	2025.01.03-2025.04.13	National Library of Public Information
Artificial Relationship Unboxing Communication Technologies	2025.06.24-2025.10.26	Tzu Chi Xindian Jing Si Hall
	2025.03.12-2025.06.08	Tainan Public Library Main Library
	2024.10.09-2025.02.10	Taichung Dongda Tzu Chi Jing Si Hall
Island keyword: Soil and Water Conservation for Disaster Prevention	2025.05.29-2025.09.07	Taoyuan City Library Hongmei Branch, Howard Resort Shimen Reservoir
	2025.04.25-2025.05.25	Taoyuan City Library
	2025.02.21-2025.04.20	National Taiwan Library
	2024.09.02-2025.02.10	Howard Resort Xitou
The Fantastic Army in Human Body - Innovative Biomedical Special Exhibition	2025.05.14-2025.09.30	Howard Beach Resort Kenting
Nanometer - The Invisible Scale	2025.05.04-2025.09.15	Tzu Chi Yilan Jing Si Hall
KidsFest of 5 ASEAN Countries	2025.03.08-2025.09.06	Fengtay Foundation
Sticky Factory	2024.10.01-2025.08.31	National Taiwan Science Education Center
	2025.09.22-2026.03.09	Tzu Chi Taichung Dali Jing Si Hall
Diving Deep: An Exploration of Taiwan's Underwater Heritage	2024.01.11-2025.11.23	Taichung Cultural Heritage Park, Ministry of Culture
Wars and Shipwrecks: A Special Exhibition of Underwater Cultural Heritage	2025.11.26-2026.01.25	Kinmen Museum of History and Folkore



其他重要績效

1、運用展示廳召集人制度，強化展示廳教育功能

為有效整合應用展示資源，設置各展示廳召集人並成立各展示廳工作小組，爭取內外部資源及經費，進行展示更新及活化。2025 年共爭取 5,448.5 萬元經費挹注 15 個展廳更新案，推出 2 檔實境解謎遊戲及辦理 1,799 場科教活動，共吸引 46,879 人次參加。



臺灣工業史蹟廳實境解謎活動「茵達斯崔的六封信」
Live-Action Puzzle-Solving Activity in the Exhibition Hall of Industrial History of Taiwan "Six Letters from Industri"

2、降低展品故障率

為保障觀眾參觀品質，展示維護同仁每日上下午皆會巡檢展品設施，維持設備正常運作，並針對較多人潮及互動裝置之「科學開門廳」、「太空飛行探索廳」、「交通夢想廳」等展廳加強巡檢。2025 年展品妥善率為 99.89%，未來將持續努力降低展品故障情形。

Other Important Achievements

1. Utilizing the Exhibition Hall Convener System to Strengthen the Educational Function of Exhibition Halls

To effectively integrate and apply exhibition resources, we appointed conveners for each exhibition hall and established work teams to secure internal and external resources and funding for exhibition updates and revitalization. In 2025, we secured a total of NT\$54.485 million in funding to support 15 exhibition hall update projects. We launched two live-action puzzle-solving games and organized 1,799 science education activities, attracting 46,879 participants.



追尋希望之光 莫拉克風災紀念廳實境解謎之旅
Chasing the light of hope, a real-life puzzle tour in MORAKOT Exhibition Hall

2. Reducing Exhibition Equipment Failure Rates

To ensure quality visitor experiences, exhibition maintenance staff conduct morning and afternoon inspections of exhibition facilities daily to maintain normal equipment operation. We also strengthen inspections in exhibition halls with high visitor traffic and interactive installations, such as "Open Sesame Science Exploration Center," "Space Exploration," and "Pavilion of Dream Transport." In 2025, the exhibition equipment availability rate is 99.89%. We will continue our efforts to reduce equipment failure situations in the future.

科技教育

2025 年持續辦理推廣教育活動、研習課程、線上學習、競賽、講座及開發教材教具等，並開辦創客課程，充分發揮科技教育功能並鼓勵全齡參與科學、工藝與生活藝術創作。

多元科學教育活動

2025 年訂定「國立科學工藝博物館推廣教育審議小組設置及作業要點」，明定本館推廣教育課程開班審議標準作業流程，以確保課程品質。各項科學教育推廣課程成果如表 9 及表 10。

表 9 近 5 年推廣教育課程場次表

	冬令營	夏令營	週末課程	校外教學	創客工場 / 趣自造
2025	42	87	81	171	160
2024	68	119	216	168	224
2023	68	122	170	159	120
2022	---	97	123	175	153
2021	74	---	89	178	140

註：2021 夏令營、2022 冬令營因 Covid-19 疫情停辦

表 10 近 5 年推廣教育課程人次表

	冬令營	夏令營	週末課程	校外教學	創客工場 / 趣自造
2025	749	1,897	790	7,706	2,570
2024	1,667	3,272	2,706	6,200	3,367
2023	1,417	3,179	1,970	6,193	1,330
2022	---	2,235	1,701	9,746	1,224
2021	1,695	---	1,541	8,039	1,120

註：2021 夏令營、2022 冬令營因 Covid-19 疫情停辦

Technology Education

In 2025, the museum continued to organize outreach education activities, training courses, online learning, competitions, lectures, and developed teaching materials and aids. We also opened “maker” courses, fully exercising our technology education function and encouraging participation across all ages in science, crafts, and living arts creation.

Diverse Science Education Activities

In 2025, we formulated the "National Science and Technology Museum Outreach Education Review Committee Establishment and Operation Guidelines," clearly defining the standard operating procedures for reviewing the opening of outreach education courses to ensure course quality. The results of various science education promotion courses are shown in Tables 9 and 10.

Table 9. Outreach Education Course Sessions over the Past 5 Years

	Winter Camps	Summer Camps	Weekend Courses	School Trips	True Dreamland/ Chill Maker
2025	42	87	81	171	160
2024	68	119	216	168	224
2023	68	122	170	159	120
2022	---	97	123	175	153
2021	74	---	89	178	140

Note: The 2021 summer camps and 2022 winter camps were suspended due to the Covid-19 pandemic

Table10. Number of Participants in Outreach Education Courses over the Past 5 Years

	Winter Camps	Summer Camps	Weekend Courses	School Trips	True Dreamland/ Chill Maker
2025	749	1,897	790	7,706	2,570
2024	1,667	3,272	2,706	6,200	3,367
2023	1,417	3,179	1,970	6,193	1,330
2022	---	2,235	1,701	9,746	1,224
2021	1,695	---	1,541	8,039	1,120

Note: The 2021 summer camps and 2022 winter camps were suspended due to the Covid-19 pandemic

1、冬夏令營

本館於寒暑假期間辦理科學營隊活動及海外科普親子營隊，並與外部單位合作辦理課程，豐富學員科學活動體驗。



科學小廚師
Little Chef Scientist

1. Winter and Summer Camps

The museum organized science camp activities and overseas popular science parent-child camps during winter and summer vacations. We also collaborated with external units to offer courses, enriching students' science activity experiences.



叢林大戰 - 不可思議植物兵團
Jungle Battle: Incredible Plant Corps



阿笠博士萬能實驗室
Dr. Agasa's Almighty Laboratory
Jungle Battle: Incredible Plant Corps

2. Weekend Activities and Exhibition Hall Science Education Activities

To cultivate elementary school students' basic scientific knowledge and literacy, the museum integrated exhibition hall resources to organize science education activities on weekends and holidays.

2、週末活動及展示廳科教活動

為培養學童基礎科學知識與素養，整合本館展示廳資源於週末或假日辦理展廳科教活動。



週末課程 - 創意積木系列
Weekend Course - Creative Building Blocks Series



展示廳活動
Exhibition Hall Activities

3、學校團體校外教學

以 108 新課綱核心素養為基礎，設計適合國中小學校的校外教學活動，讓學生動手做並培養其創意思考、互動合作的學習態度。



校外教學 - 愛水尖兵課程
Field Trip - Water Conservation Guardian Course

4、科工創藝生活學堂

「科工創藝生活學堂」以推廣全齡教育與終身學習為核心目標，規劃多元課程如二胡、空靈鼓、瑜珈、電烙畫等研習課程。

5、创客工場 / 趣自造暨大人的科學

创客工場及趣自造教室推動全齡化创客課程，2025 年推出「AI 科技樂生活」、「樂齡腦科學程式」、「中醫系列」、「數位應用」等課程。



「健康久久～中醫養生小學堂」
"Health for a Long Life: Traditional Chinese Medicine Health Elementary School"



AI 科技樂生活
AI Technology Happy Life

3. School Group Field Trips

Based on the core competencies of the 108 Curriculum Guidelines, we designed field trip activities suitable for elementary and junior high schools. These activities enable students to engage in hands-on learning and cultivate creative thinking and cooperative learning attitudes.

4. Science and Technology Creative Arts Life Academy

"Science and Technology Creative Arts Life Academy" takes the promotion of education for all ages and lifelong learning as its core goal, planning diverse courses such as erhu, ethereal drum, yoga, and pyrography.



空靈鼓班
Ethereal Drum Class



電烙畫班
Pyrography Class



樂齡腦科學程式
Senior Brain Science Programming

5. True Dreamland/Chill Maker and Adults' Science

True Dreamland and Chill Maker classrooms promote "maker" courses for all ages. In 2025, we launched courses including "AI Technology Happy Life," "Senior Brain Science Programming," "Traditional Chinese Medicine Series," and "Digital Applications."

6、2025 第 6 屆臺灣科學節

「臺灣科學節」由教育部與國家科學及技術委員會共同主辦，教育部所屬五大科學博物館承辦，2022 至 2025 年由本館統籌。本屆以「啟發心智，賦能未來」為主題，辦理科普戲劇、科學表演秀、科普市集、農夫市集、海洋教育嘉年華、創客趴、工作坊等多元活動，引導觀眾探索科學、體驗科技。本屆共計辦理 293 場活動，90,737 人次參與。



科學表演秀
Science Shows



食農教育工作坊
Food and Agriculture Education Workshops



科普戲劇
Science Drama

6. The 6th Taiwan Science Festival 2025

The "Taiwan Science Festival" jointly organized by the Ministry of Education and the National Science and Technology Council, and is implemented by the five major science museums under the Ministry of Education. The Museum served as the coordinating institution from 2022 to 2025. This year, themed "Science Empowering Futures," the festival featured diverse activities, including science dramas, science shows, science fairs, farmers' fairs, marine education carnivals, maker parties and workshops, guiding visitors to explore science and experience technology. A total of 293 sessions were held during the festival, attracting 90,737 participants.



科普市集
Science Fairs



科普戲劇
Science Drama



創客趴
Maker Parties



創客工作坊
Maker Workshops

7、環境教育

本館為取得環境教育認證之場所，結合政策支持與內外部資源及專業能量，持續推動環境永續教育。

(1) 永續能源創意實作競賽及計畫成果展示

因應全球 2050 淨零碳排及再生能源發展趨勢，本館與永續能源跨域應用人才培育計畫辦公室合辦「臺灣能 - 永續能源創意實作競賽」，邀請全國大專生、高中職及國中生參賽，並將得獎作品於本館展出。2025 年共辦理 2 場次、710 人次參與。

(2) 海洋教育巡迴推廣

本館結合海洋委員會辦理「2025 海洋教育嘉年華」，以「海洋能源與資源」及「海洋環境」二大主題，將海洋科學教育轉化為寓教於樂的學習體驗。2025 年共辦理 32 梯次活動，11,938 人次參與。

(3) 辦理節能教育課程

辦理「跟著阿光節能趣夏令營」、「節能扎根 - 樂活節能屋下鄉趴趴 GO！教育活動」及「校園節能學習闖關活動」等，共 20 梯次、1,300 人次參與。



海洋教育巡迴展
Marine Education Touring Exhibition



永續能源創意實作競賽
Sustainable Energy Innovation Contest

7. Environmental Education

As a certified environmental education venue, the museum combines policy support with internal and external resources and professional capacity to continue promoting environmental sustainability education.

(1) Sustainable Energy Innovation Contest and Exhibition

In response to global trends toward 2050 net-zero carbon emissions and renewable energy development, the museum co-organized the "Taiwan Energy: Sustainable Energy Innovation Contest" with the Sustainable Energy Cross-Domain Application Talent Cultivation Program Office. We invited university students, high school vocational students, and junior high school students nationwide to participate, and exhibited winning works at the museum. In 2025, we held two sessions with 710 participants.

(2) Marine Education Touring Exhibition

The museum collaborated with the Ocean Affairs Council to organize the "2025 Marine Education Carnival," featuring two major themes: "Marine Energy and Resources" and "Marine Environment." This initiative transformed marine science education into entertaining and educational learning experiences. In 2025, we held 32 sessions with 11,938 participants.

(3) Environmental Education Promotion Activities

We organized "Energy Conservation Fun Summer Camp with A-Guang," "Energy Conservation Rooted - LOHAS Energy Conservation House Goes to the Countryside Education Activity," and "Campus Energy Conservation Learning Challenge Activity," totaling 20 sessions with 1,300 participants.



跟著阿光節能趣夏令營
Energy Conservation Fun Summer Camp with A-Guang

科普競賽活動

本館與企業及學校合作辦理大型競賽、成果展及科學園遊會等活動，提供民眾現場實作，體驗學習科學的樂趣。

1、科技教育創意實作競賽暨計畫成果展示

由教育部國民及學前教育署主辦、本館與國立高雄師範大學共同承辦「科技教育創意實作競賽」及「科技 Fun 手玩 - 科技教育嘉年華」，計有 23,697 人次參與。

2、2024-2025 First 機器人台灣選拔賽

與玉山機器人協會共同辦理，以推動 STEAM 教育及激發學生創新思維與團隊合作精神為目標。本屆活動以「海洋」為主題，針對全球水下科技與環境議題提出解決方案；共計 172 支隊伍、1,000 名選手與教練參與。

3、第 13 屆索尼創意科學大賞 - 玩具成果展 (高雄場)

與臺灣索尼股份有限公司合作辦理，本屆以「玩具運動會」為主題，作品將拳擊、馬拉松等多種運動項目結合科學原理及想像力，重新演繹運動賽事，共計 11,570 人次參與。

4、第 44 屆高雄市國民中小學科學園遊會

本屆以「樂學探索趣味高，雄說雙語挺永續」為主題，「聯合國永續發展目標 (SDGs)」為核心，串聯「動手實作」與「雙語教學」，讓學生化身小小科學家，帶領民眾體驗趣味的科學之旅；本屆活動共計 6 萬人次進館參加。



索尼創意科學大賞成果展
Sony Creative Science Award
Achievement Exhibition



2025 科技 Fun 手玩 - 科技教育嘉年華開幕
2025 Technology is So Fun-Technology
Education Carnival Opening



科學園遊會現場
Science Fair Site

Popular Science Competition Activities

The museum collaborated with enterprises and schools to organize large-scale competitions, achievement exhibitions, and science fairs, providing the public with hands-on experiences to enjoy learning science.

1. Creative Technology Education Contest and Exhibition

Organized by the K-12 Education Administration of the Ministry of Education and jointly undertaken by the museum and National Kaohsiung Normal University, the "Creative Technology Education Contest" and "Technology is So FUN- Technology Education Carnival" attracted 23,697 participants.

2. 2024-2025 FIRST Robotics Competition Taiwan

Co-organized with the ESUN Robot Association, this event aims to promote STEAM education and stimulate students' innovative thinking and teamwork spirit. This edition featured "Ocean" as its theme, proposing solutions to global underwater technology and environmental issues. A total of 172 teams with 1,000 contestants and coaches participated.

3. The 13th Sony Creative Science Award: Toy Achievement Exhibition (Kaohsiung Session)

Co-organized with Taiwan Sony Corporation, this edition featured "Toy Sports Meet" as its theme. Works combined various sports such as boxing and marathons with scientific principles and imagination, reinterpreting sports competitions. The exhibition attracted 11,570 participants.

4. The 44th Kaohsiung Primary and Junior High School Science Fair

This edition featured the theme "Joyful Learning and Exploration, Kaohsiung Speaks Bilingual for Sustainability," with the "United Nations Sustainable Development Goals (SDGs)" as its core. Connecting "hands-on practice" with "bilingual teaching," the event enabled students to become little scientists and lead the public through a fun scientific journey. This edition attracted 60,000 visitors to the museum.

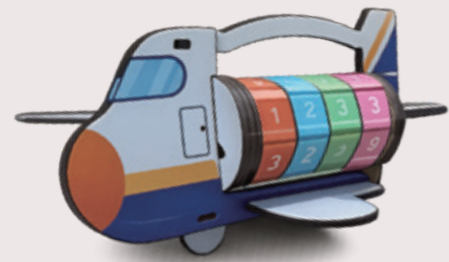


機器人競賽
Robot Competition

教材教具研發

為充實科學教育資源，將本館典藏特色與科普知識轉化為適合不同年齡層之教材、模型與互動教具。2025 年成果如下：

- 1、4 項材料包：「淨零綠生活密碼鎖」、「宏南宿舍『鬼瓦括香石』矽膠模具」、「內輪差」及「鄒族聚會所」。
- 2、3 項教材具：「氣流與空氣佔有空間」、「空氣足球」、「牛頓擺」
- 3、1 項海水淡化互動教具。



淨零綠生活密碼鎖
Net-Zero Green Living Combination Lock



鄒族聚會所
KUBA (Tsou Tribal Assembly Hall)



教師研習活動
Teacher Training Activities



海水淡化互動教具
Seawater Desalination Interactive Teaching Aid

Teaching Materials and Aids Research, Development

To enrich science education resources, we transformed the museum's collection characteristics and popular science knowledge into teaching materials, models, and interactive teaching aids suitable for different age groups. The 2025 achievements are as follows:

1. 4 material packages: "Net-Zero Green Living Combination Lock," "Hongnan Dormitory 'Oni-gawara Incense Stone' Silicone Mold," "Inner Wheel Difference," and "KUBA (Tsou Tribal Assembly Hall)."
2. 3 teaching materials: "Airflow and Air Occupying Space," "Air Soccer," "Newton's Cradle"
3. 1 seawater desalination interactive teaching aid.



雲端學習資源

本館為推廣數位化及全齡化學習，持續精進各項雲端科技教育資源內容及服務。

1、科學學習中心

內容涵蓋本館歷年針對中小學科學教育開發的各項教材，提供中小學教師雲端查詢教育資源，並提供教案、教學影片及相關教學媒體下載服務。2025 年網頁共有 138,888 人次瀏覽。

2、本館 YouTube 頻道

科學學習中心與創客工場開發的教材教學影片皆上傳於頻道，供民眾觀看學習；2025 年共計 88,073 觀看人次。

3、本館 Podcast 「科工 chill 嗨嗨」

每 2 週製播 1 集 podcast 節目，以科學、科技為主題搭配時事議題，邀請跨領域學者、專家或實務工作者擔任主講者，傳遞科普新知。2025 年共製播 26 集，累計 39,081 收聽次數

4、第 23 屆週日閱讀科學大師系列講座

與國立成功大學共同主辦，邀請專家學者以淺顯易懂、跨領域的方式分享最新研究成果與應用，並配合實體及線上直播擴大參與對象。各屆講座學習資源皆上傳週日閱讀科學大師官方網站，供大眾隨時瀏覽學習。本屆主題涵蓋科學與材料科技、太空探索、宇宙物理等，2025 年共辦理 15 場次，2,988 人次參與。



科工 chill 嗨嗨 - 精選封面圖
NSTM Chill Podcast - Featured Cover Images



週日閱讀科學大師講座
Popular Science Lectures



科學學習中心網頁
Science Learning Center Webpage

Cloud Learning Resources

To promote digitalization and learning for all ages, the museum continues to refine various cloud-based technology education resource content and services.

1. Science Learning Center

The content covers various teaching materials developed by the museum over the years for science education in elementary and junior high schools, providing cloud-based access to educational resources for teachers, along with downloadable teaching plans, instructional videos, and related teaching media. In 2025, the webpage has received 138,888 visits.

2. Museum YouTube Channel

The complete instructional videos for the teaching materials developed by the Science Learning Center and Chill Maker have been uploaded to the YouTube channel for the public to watch and learn. In 2025, they have received 88,073 views.

3. Museum Podcast "Chill Podcast"

We produce and broadcast one podcast episode every two weeks, featuring science and technology themes combined with current issues. We invite cross-disciplinary scholars, experts, or practitioners to serve as speakers, conveying popular science knowledge. In 2025, we produced and broadcast 26 episodes with a cumulative 39,081 listens.

4. 23rd Popular Science Lectures

Co-organized with National Cheng Kung University, we invite expert scholars to share the latest research results and applications in an easy-to-understand, cross-disciplinary manner. We expand participation through both in-person and online live broadcasts. Learning resources from each lecture series are uploaded to the Popular Science Lectures official website for the public to browse and learn at any time. This edition's themes cover science and materials technology, space exploration, cosmic physics, and more. In 2025, we held 15 sessions with 2,988 participants.

公共服務

本館持續辦理公關行銷、觀眾服務、導覽解說、社區關係發展、志工管理 etc. 等公共服務之規劃、研究、執行及推廣等事項。

公關行銷

1、網路社群，精準行銷

因應 5G 行動網路及 AI 世代崛起，本館積極貼近觀眾行動載具使用習慣及網路社群演算法，用心經營社群媒體貼文、短影音、限時動態等分眾宣傳通路。本館 Facebook 計有 143,574 人追蹤、瀏覽次數 1,702.1 萬；Instagram 計有 6,333 人追蹤、瀏覽次數 28.8 萬。



2、媒體互動，數據分析

定期統計分析「新聞輿情」，制定當年度各季新聞策略與關鍵績效指標。2025 年安排電臺節目專訪 24 場；高雄地區文教媒體記者聯繫、採訪、對外新聞稿 65 則；4 大報露出 41 則及各類新聞合計 1,260 則。

3、開拓多元宣傳管道，積極提升本館知名度

全年投稿 55 則博物館學會匯訊、重新改版並投放 53 期 558 則電子報訊息，訂閱人數由 15,851 人提升至 31,750 人，成長率達 100%；並加強與周邊企業聯繫，2025 年與 8 間餐飲企業異業合作，提供本館會員、觀眾與員工優惠方案。

Visitor Services

The museum continues to plan, research, implement, and promote public services, including public relations and marketing, visitor services, guided tours and interpretation, community relations development, and volunteer management.

Public Relations and Marketing

1. Online Communities, Precision Marketing

In response to the rise of the 5G mobile internet and AI era, we actively adapt to audiences' mobile device usage habits and online community algorithms. We carefully manage social media posts, short videos, stories, and other segmented promotional channels. We had 143,574 Facebook fans and recorded a total of 17.021 million views; on Instagram, we had 6,333 followers and accumulated 288,000 views.

2. Media Interaction, Data Analysis

We regularly analyze "news public opinion" and formulate news strategies and key performance indicators for each quarter of the year. In 2025, we arranged 24 radio program interviews, maintained contact with cultural and educational media reporters in the Kaohsiung area for interviews, and issued 65 external press releases. We achieved 41 exposures in the four major newspapers with a total of 1,260 various news items.

3. Developing diverse promotional channels and actively enhancing the museum's visibility

Throughout the year, we submitted 55 articles to the Museum Association newsletter, redesigned and distributed 53 issues with 558 e-newsletter messages, increasing the number of subscribers from 15,851 to 31,750 for a growth rate of 100%. We also strengthened connections with surrounding enterprises. In 2025, we collaborated with eight food and beverage enterprises in cross-industry partnerships, providing preferential programs for museum members, visitors, and employees.

4、2025 年節慶系列活動

為增進民眾節慶參與感與推廣科學教育，將年度節慶文化結合科學主題辦理節慶系列活動。

4. 2025 Festival Series Activities

To enhance public participation in festivals and promote science education, we combined annual festival culture with science themes to organize festival series activities.

辦理期間 / 2025.01.30 — 2025.02.02

活動名稱 / 蛇來運轉—科工迎新春

節慶主題 / 農曆春節連假節慶活動



辦理期間 / 2025.04.03 — 2025.04.06

活動名稱 / 夢幻兒童節：歡樂無限 Fun 科學

節慶主題 / 兒童節暨清明節連假節慶活動



Period/ 2025.01.30 — 2025.02.02

Activity Name/ Snake Brings Fortune: NSTM Welcomes the New Year

Festival Theme/ Lunar New Year Holiday Festival Activities



Period/ 2025.04.03 — 2025.04.06

Activity Name/ Dream Children's Day: Endless Fun with Science

Festival Theme/ Children's Day and Tomb Sweeping Day Holiday Festival Activities



辦理期間 / 2025.05.30 — 2025.06.01

活動名稱 / 2025 端午粽動員

節慶主題 / 端午節連假節慶活動



辦理期間 / 2025.09.27-2025.10.26

活動名稱 / 秋印科工

節慶主題 / 教師節、中秋節、國慶日及光復節系列活動



Period/ 2025.05.30 — 2025.06.01

Activity Name/ 2025 Dragon Boat Festival Zongzi Mobilization

Festival Theme/ Dragon Boat Festival Holiday Festival Activities



Period/ 2025.09.27-2025.10.26

Activity Name/ Chill in NSTM

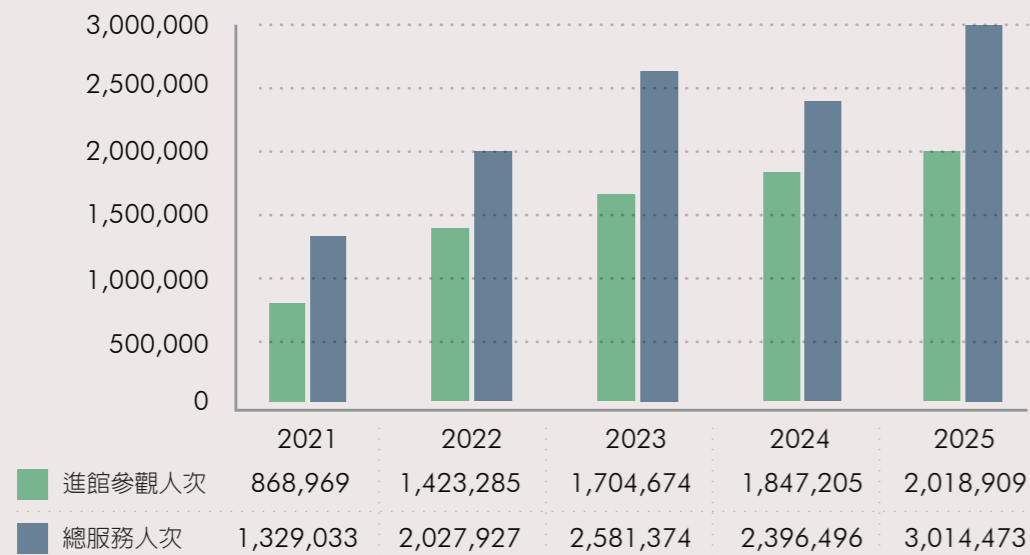
Festival Theme/ Teachers' Day, Mid-Autumn Festival, National Day, and Taiwan Retrocession Day Series Activities



觀眾服務

1、服務人次

近五年服務人次比較圖



2、品質管理系統驗證

為確保各項為民服務工作品質及內部行政作業流程完善，2024 年通過 ISO9001:2015 驗證後，持續辦理定期追查，於 2025 年 5 月 8 日再次以無缺失通過。



SGS 9001:2015 證書
SGS 9001:2015 Certificate

3、場地多元利用

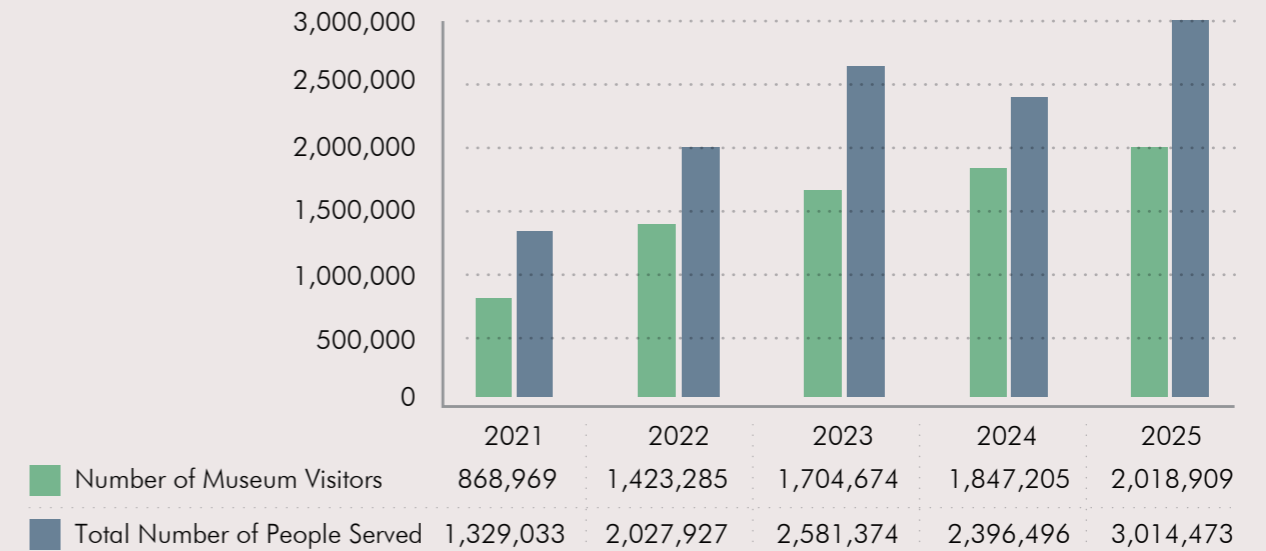
(1) 企業親子日客製化服務內容

2025 年起本館與企業進行異業合作，辦理客製化親子日活動，與元大證券、台電新達發電廠、經濟部產業園區、佳特透析服務股份有限公司、瑞儀光電公司等公司合作，共計服務 4,500 人次。

Visitor Services

1. Number of People Served

Comparison Chart of Number of People Served over the Past Five Years



2. Quality Management System Certification

To ensure the quality of various public service work and the completeness of internal administrative workflows, after passing ISO9001:2015 certification in 2024, we continued to conduct regular follow-up audits. On May 8, 2025, we again passed certification with no deficiencies.

3. Diverse Use of Venues

(1) Corporate Family Day Customized Service Content

Starting in 2025, we engaged in cross-industry cooperation with enterprises to organize customized family day activities. We collaborated with Yuanta Securities, Taipower Xinda Power Plant, Industrial Parks of the Ministry of Economic Affairs, Jiate Dialysis Service Co., Ltd., Radiant Opto-Electronics Corporation, and other companies, serving a total of 4,500 people.

(2) 多功能場地租借

本館擁有環境舒適及設備齊全的各類場地，供公私立機構、公司行號或個人租借使用。2025 年南館場地借出 2,433 次、北館場地借出 229 次、多功能大銀幕電影院借出 25 場，共計服務 70 萬 6,027 人次。



專題演講、全球視訊會議

音樂饗宴、成果發表

影片觀賞

特展下午茶、特展之夜

提供貴賓休息室



南館國際演講廳
South Complex International Auditorium

多功能大銀幕電影院
Multifunctional 3D Theater

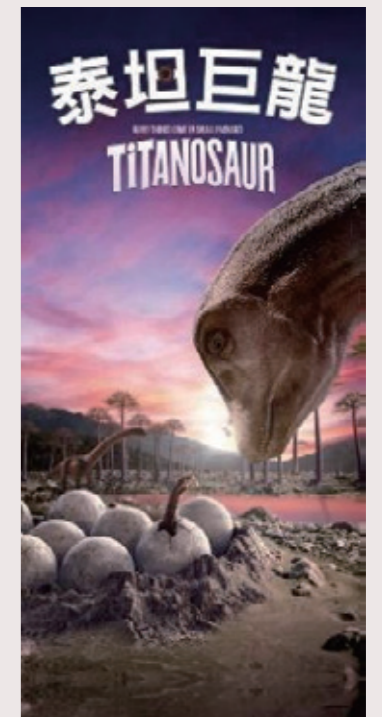
4、本館會員系統暨掌握科工響應式網頁

(1) 會員系統

本館建置智慧化票務暨會員系統，加入會員可完整使用本館線上系統與掌握科工響應式網頁各項功能、報名科教活動、申請團體預約、租借場地等。2025 年簡化會員註冊流程、提升系統使用便利性，並規劃於 2026 年優化後台大數據分析系統，作為未來推動客製化服務的參據。

(2) Multi-functional Venue Rental

The museum has various venues with comfortable environments and complete facilities available for public and private institutions, companies, or individuals to rent. In 2025, the South Complex venue was rented 2,433 times, the North Complex venue was rented 229 times, and the Multifunctional 3D Theater was rented 25 times, serving a total of 706,027 people.



太空新疆域、泰坦巨龍
Space: The New Frontier, Titanosaur

4. Museum Membership System and NSTM Mobile Portal Responsive Webpage

(1) Membership System

The museum has established an intelligent ticketing and membership system. Members can fully utilize the museum's online system and various functions of the NSTM Mobile Portal responsive webpage, register for science education activities, apply for group reservations, rent venues, and more. In 2025, we simplified the member registration process and enhanced system usability. We plan to optimize the backend big data analysis system in 2026 as a basis for promoting customized services in the future.



會員中心
Member Center

(2) 「掌握科工」響應式網頁

「掌握科工」響應式網頁整合教育推廣報名系統、智慧展示、展品報修、會員中心及意見回饋等功能，並提供線上展廳導覽與藏品開箱服務。另於 2025 年建置「電子集章」功能，將展廳導覽路線結合當期科教活動或指定任務，增添觀眾參觀樂趣。此外，掌握科工結合本館會員系統，以紅利點數回饋機制加強會員黏著度。2024 年 12 月 3 日上線前會員數 17,988 人，2024 年 12 月 4 日上線後至 2025 年 12 月 31 日，會員數增加至 47,714 人。



掌握科工響應式網頁、線上購票
NSTM Mobile Portal Responsive Webpage, Online Ticketing

(2) "NSTM Mobile Portal" Responsive Webpage

The "NSTM Mobile Portal" responsive webpage integrates functions including an education promotion registration system, smart exhibition features, exhibit repair reporting, member center, and feedback. It also provides online exhibition hall tours and collection unboxing services. Additionally, we established an "electronic stamp collection" function in 2025, combining exhibition hall tour routes with current science education activities or designated tasks to enhance visitor experiences. Furthermore, the NSTM Mobile Portal is integrated with the museum's membership system, strengthening member retention through a reward points feedback mechanism. Before the webpage went online on December 3, 2024, we had 17,988 registered members. Following its implementation, from December 4, 2024, through December 31, 2025, our membership increased to 47,714 members.

5、餐飲及賣店服務

本館提供各式餐飲及賣店服務，餐飲部分包含咖啡、西式簡餐、中式合菜及日式料理；北館一樓設置自助休息區、五樓設置用餐區，並配合飲料販賣機方便民眾休息使用。賣店部分於北館一樓有販售紀念品、文創品及科學教材等。



咖啡藝廊餐點
Art Café Meals



咖啡藝廊
Art Café

6、科學小樹苗公益活動計畫

本計畫集結社會善心人士與企業的愛心，協助偏鄉弱勢學童到館參觀學習，並提供教育資源讓教育人員進入偏鄉學校服務。2025 年獲贊助及計畫經費合計 159 萬 8,750 元，服務到館參觀之 78 個團體及 2,747 名學童；並支持教育人員進入 9 所偏鄉學校服務，共計 320 名學童受惠。

5. Dining and Shop Services

The museum provides various dining and shop services. Dining options include coffee, Western light meals, Chinese banquet dishes, and Japanese cuisine. The first floor of the North Complex features a self-service rest area, and the fifth floor has a dining area



大廳賣店一景
A View of the Lobby Gift Shop

equipped with beverage vending machines for public convenience. The shop on the first floor of the North Complex sells souvenirs, cultural and creative products, and science teaching materials.

6. "Little Science Sprouts" Project

This project appreciates the generosity of kind-hearted individuals and enterprises to assist disadvantaged children from remote areas in visiting the museum for learning. It also provides educational resources for educators to serve in remote schools. In 2025, the project received a total of NT\$1,598,750 in sponsorship and project funding, serving 78 visiting groups and 2,747 students through on-site museum visits. In addition, educators were supported in delivering services to 9 rural schools, benefiting a total of 320 students.

7、本館參觀資訊

(1) 票價

票價 \ 票種	展示廳	電影院	年卡會員
一般票價	120 元	150 元	360 元
優惠票價 (學生、團體、長者)	90 元 /60 元	100 元 /70 元 /75 元	依活動公告

本館規費收費標準於 2025 年 6 月 24 日奉核修正，並自 2025 年 7 月 1 日起調整。

(2) 營業時間

本館開放時間：09:00-17:00(16:00 停止售票)，逢週一、除夕、年初一固定休館（星期一為國定假日或補假日），其餘停止開放時間則另行公告。

(3) 交通方式

大眾運輸指南



(4) 停車資訊

- 北館設有收費地下停車場、大客車停車場及洽公停車場，南館設有汽機車收費停車場。
- 汽、機車停車入場即開始計費，入場後 20 分鐘內離場免計費。

7. Museum Visitor Information

(1) Admission Fee

Admission Fees \ Ticket Type	Exhibition Halls	Theater	Annual Card Membership
General Admission	NT\$120	NT\$150	NT\$360
Discounted Admission (Students, Groups, Seniors)	NT\$90/ NT\$60	NT\$100/NT\$70/ NT\$75	According to Activity Announcement

The museum's fee standards were approved for revision on June 24, 2025, with adjustments taking effect from July 1, 2025.

(2) Operating Hours

Museum operating hours: 09:00-17:00 (ticket sales stop at 16:00). The museum is closed on Mondays, Lunar New Year's Eve, and the first day of the Lunar New Year (when Monday falls on a national holiday or make-up holiday). Other closure times will be announced separately.

(3) Transportation

Public Transportation Guide

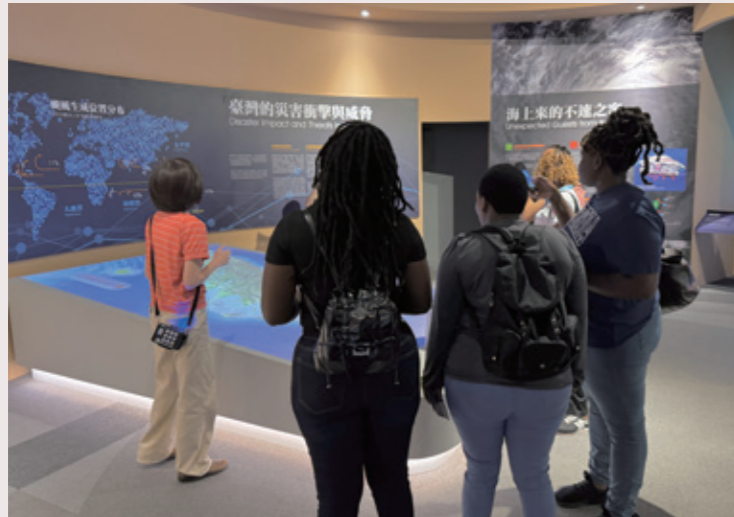


(4) Parking Information

- The North Complex features a paid underground parking lot, large bus parking lot, and official business parking lot. The South Complex has a paid parking lot for cars and motorcycles.
- Parking fees for cars and motorcycles begin upon entry; departure within 20 minutes of entry is free of charge.

導覽解說

本館提供團體預約導覽、主動式導覽、展示廳定時定點導覽、雙語導覽及結合實境闖關和科學 DIY 之導覽活動等。2025 年完成 3,174 場導覽，服務 43,656 人次。



希望 · 未來莫拉克風災紀念廳英語導覽
Light up the future:
Stories of Recovery and Reconstruction after
MORAKOT Exhibition Hall: English guided tour

此外，本館亦積極推動英語導覽及多元英語學習活動，2025 年展示廳英語導覽接待 27 團、437 人次；兒童雙語戲劇導覽 80 場、2,890 人次；雙語闖關遊戲 10 場、988 人次；並於 11 個常設展示廳建置雙語導覽 QR code。



科學海盜公主冒險趣
Science Pirate Princess Adventure



健康探索廳導覽解說
Adventures in Health Land Guided Tour and Interpretation

Guided Tours and Interpretation

The museum provides group reservation tours, roving interpretation services, scheduled fixed-point exhibition hall tours, bilingual tours, and tour activities combining immersive challenge games and science DIY. In 2025, we completed 3,174 tours, serving 43,656 people.



烹調的科學廳雙語闖關活動
Bilingual Challenge Activity in the Science of
Cooking Hall



兒童科學探險隊
Children's Science Adventure Team

Additionally, the museum actively promotes English-language tours and diverse English learning activities. In 2025, exhibition hall English-language tours served 27 groups with 437 participants; children's bilingual theatrical guided tours comprised 80 sessions with 2,890 participants; bilingual challenge games included 10 sessions with 988 participants; and we established bilingual tour QR codes in 11 permanent exhibition halls.



氣候變遷廳導覽解說
Climate Change Guided Tour

社區關係發展

1、南館場域活化計畫民眾說明會

本館將執行教育部「南館場域活化計畫」，推動南館全面改造。為使當地居民了解本計畫相關內容並廣納民意，於 2025 年 7 月 30 日舉辦「南館場域活化計畫民眾說明會」，邀請民眾、民意代表、本館睦鄰里里長、租借南館場地社團及本館非營利幼兒園園長等相關利害關係人與會。本次說明會除保障民眾「知的權利」外，更是落實本館社區關係經營及公民參與精神的重要作為。



南館場域活化計畫民眾說明會
South Complex Venue Revitalization Project Public Briefing Session

2、宏南宿舍市定古蹟

本館受台灣中油公司委託，經營宏南宿舍市定古蹟展示館。透過活化古蹟空間、園區戶外走讀、室內導覽與科教活動，建立民眾對文化古蹟歷史之認同感並推廣在地文化特色。2025 年 8 月 9 日辦理開幕典禮，邀請 140 位貴賓參加，配合 39 攤文青市集、動手做及摸彩活動，吸引 1,200 位觀眾參與。

項目 年度	入場人數	戶外走讀人數	室內導覽團數	科教活動人數
2025 年	13,860	306	60	848



宏南宿舍市定古蹟展示館外觀
Hongnan Dormitory Municipal Historic Site Exhibition Hall Exterior

Community Relations Development

1. South Complex Venue Revitalization Project Public Briefing Session

The museum will implement the Ministry of Education's "South Complex Venue Revitalization Project," promoting comprehensive renovation of the South Complex. To enable local residents to understand the project's relevant content and broadly solicit public opinion, we held a "South Complex Venue Revitalization Project Public Briefing Session" on July 30, 2025. We invited residents, elected representatives, neighborhood chiefs from the museum's neighboring communities, clubs renting South Complex venues, the director of the museum's non-profit kindergarten, and other relevant stakeholders to attend. Beyond protecting citizens' "right to know," this briefing session was an important action implementing the museum's community relations management and civic participation principles.

2. Hongnan Dormitory Municipal Historic Site

The museum was commissioned by CPC Corporation Taiwan to operate the Hongnan Dormitory Municipal Historic Site exhibition hall. Through revitalizing the historic site space, outdoor guided walks in the park, indoor tours, and science education activities, we establish public identification with cultural historic site history and promote local cultural characteristics. We held the opening ceremony on August 9, 2025, inviting 140 guests to attend. Coordinated with 39 cultural and creative market stalls, hands-on activities, and lucky draws, the event attracted 1,200 visitors.



宏南宿舍：度量衡教具推廣
Hongnan Dormitory: Measurement Teaching Aids Outreach

Item Year	Number of Visitors	Outdoor Guided WalkVisitors	Indoor Tour Groups	Science Education ActivityVisitors
2025	13,860	306	60	848



鹿鹿 Fun 學課後照顧中心參觀與導覽活動
Lu Lu Fun Learning After-School Care Center Visit and Tour Activity



開幕典禮 - 貴賓雲集與觀眾互動
Opening Ceremony - Distinguished Guests and Audience Interaction



宏南宿舍群影蹤漫步：微光記憶戶外走讀活動
Hongnan Dormitory Group Shadow Walk: Twilight Memory Outdoor Guided Walk Activity

志工管理

1、志工

本館志工服務範疇包含讀者服務、典藏管理、展示維修、教育活動、展場服務、劇場服務、觀眾服務、志工行政、導覽解說、護理、服務台、節能屋專案、庶務等。2025 年全館志工共計 973 人，全年服務時數共 14 萬 8,040 小時。



體驗設施由志工提供第一線服務
The special facilities are operated by volunteers

Volunteer Management

1. Volunteers

The museum's volunteer service scope includes reader services, collection management, exhibition maintenance, educational activities, exhibition hall services, theater services, visitor services, volunteer administration, guided tours and interpretation, nursing, information desk, energy conservation house project, and general affairs. In 2025, the museum had 973 volunteers with a total annual service time of 148,040 hours.



服務台由志工提供嬰兒車借用服務
Information Desk Provides Baby Stroller Rental Service by Volunteers

2024 年起辦理志工制度精進業務，持續針對各組別人數、考核及獎勵方式、值勤須知等進行檢視修訂；並於 2025 年成立新的志工組別「園藝志工」、「宏南宿舍志工」，擴大志工服務範疇。



2025 年第 2 次志工組長座談會
2025 Second Volunteer Group Leader Forum

2、實習生

為拓展高中職及大專生學習領域，本館每年度與各大專院校合作進用實習生，依其需求分配至不同專業崗位。2025 年共計 11 名高中職及大專生完成實習工作，總服務時數 2,797 小時。

3、社會服務學生

本館於 2012 年訂定「國立科學工藝博物館社會服務學生作業要點」，持續鼓勵青年學子來館進行社會服務。2025 年共計辦理 4 場次教育訓練、145 位學生參與社會服務，總服務時數 2,042 小時。

Since 2024, we have carried out volunteer system improvement work, continuously reviewing and revising the number of people in each group, assessment and reward methods, and duty regulations. In 2025, we established new volunteer groups: "Gardening Volunteers" and "Hongnan Dormitory Volunteers," expanding the scope of volunteer services.

2. Interns

To expand the learning fields for high school vocational and university students, the museum cooperates with various universities and colleges each year to recruit interns, assigning them to different professional positions according to their needs. In 2025, 11 high school vocational and university students completed internship work, with a total service time of 2,797 hours.



導覽實習生
Guided Tour Interns

3. Community Service Students

In 2012, the Museum established the "National Science and Technology Museum's Community Service Student Operation Guidelines" to continuously encourage young students to engage in community service. In 2025, a total of 4 training sessions were held, with 145 students participating in total, contributing a total of 2,042 service hours.

環境優化與永續發展

本館積極落實開源節流，配合政府推動淨零碳排及環境永續政策，爭取經費汰換機電空調設備，完成碳盤查及改善園區環境，並強化資訊安全。各項具體成果如下：

開源節流

1、挹注館務基金，擲節採購支出

開源挹注館務基金收入共 867 萬 4,312 元，辦理採購業務節流 1,215 萬 827 元。

2. 國有公用財物產盤點作業雲端化

開發虛擬行動盤點網頁 (WebApp) 與雲端盤點作業，初盤作業期程自 5 個月縮減為 1 個月，提升盤點效率。

淨零碳排與永續發展

1、辦理碳盤查作業

2025 年依據 ISO14064-1:2018 國際標準完成全館首次碳盤查，盤查成果作為後續提升建築能效與擬定設備汰換策略之依據。

2、建置 Green BIM 系統

透過結合 BIM、3D GIS 等技術建構北館數位建築模型，以利相關工作模擬分析、空調節能調度及降低物業管理成本，落實博物館智慧治理。

Environmental Optimization and Sustainable Development

The museum actively implements revenue generation and expenditure reduction, cooperates with government promotion of net-zero carbon emissions and environmental sustainability policies, secures funding to replace electromechanical air conditioning equipment, completes carbon inventory, improves the park environment, and strengthens information security. The specific results are as follows:

Revenue Generation and Expenditure Reduction

1. Inject Revenue into Museum Affairs Fund, Reducing Procurement Expenditures

Revenue generation injected NT\$8,674,312 into the museum affairs fund, while procurement operations reduced expenditures by NT\$12,150,827.

2. Cloud-based National Public Property Inventory Operations

We developed a virtual mobile inventory webpage (WebApp) and cloud-based inventory operations, reducing the initial inventory operation period from five months to one month and improving inventory efficiency.

Net-Zero Carbon Emissions and Sustainable Development

1. Conducting Carbon Inventory Operations

In 2025, in accordance with the ISO14064-1:2018 international standard, we completed the museum's first carbon inventory. The inventory results serve as the basis for subsequent improvements in building energy efficiency and formulation of equipment replacement strategies.

2. Establishing Green BIM System

Through integration of BIM, 3D GIS, and other technologies, we constructed a digital building model of the North Complex to facilitate simulation analysis for related work, air conditioning energy-saving dispatch, and reduction of property management costs, implementing smart governance at the museum.

3、建築能效評估

透過建築能效評估瞭解本館建築耗能情形，結果顯示南館建築能效評估 (BERSe, 2022) 為 1+ 等級，達近零碳建築標準；北館建築能效評估 (E-BERSe, 2024) 為 2 等級，達綠建築標準。

4. 設施耗能改善

(1) 北館戶外機電設備更新

完成更新北館戶外高壓配電盤體及汰換內部瓦斯斷路器為真空斷路器，保障整體用電安全。

(2) 南館變電站更新

完成汰換南館變電站高壓設備內變壓器、斷路器、電驛、電表等防範電氣火警意外，增進節能效益約 6 萬 5,644 度 / 年。

(3) 北館總變電站及 C 變電站更新

2025 年北館總變電站高壓設備完成招標，預計汰換變壓器、斷路器、電驛、電表、發電機等並作室內防水整修，防範電氣火警意外及改善濕氣過重、漏水等缺失，增進節能效益約 28 萬 5,617 度 / 年。

(4) 淨零計畫 - 空調更新

完成北館老舊儲冰主機、循環泵浦、漏水閥件與監控系統更新，提高設備妥善率及降低故障風險，增進用電效率約 25 萬度 / 年。

3. Building Energy Efficiency Assessment

Through building energy efficiency assessment, we gained understanding of the museum's building energy consumption. Results show that the South Complex's building energy efficiency assessment (BERSe, 2022) achieved Level 1+, meeting near-zero carbon building standards; the North Complex's building energy efficiency assessment (E-BERSe, 2024) achieved Level 2, meeting green building standards.

4. Facility Energy Consumption Improvement

(1) North Complex Outdoor Electromechanical Equipment Updates

We completed updates to the North Complex outdoor high-voltage distribution panel body and replaced internal gas circuit breakers with vacuum circuit breakers, ensuring overall electrical safety.

(2) South Complex Substation Updates

We completed replacement of transformers, circuit breakers, relays, and meters in the South Complex substation's high-voltage equipment to prevent electrical fire accidents, improving energy-saving efficiency by approximately 65,644 kWh/year.

(3) North Complex Main Substation and C Substation Updates

In 2025, the North Complex main substation high-voltage equipment completed bidding. We plan to replace transformers, circuit breakers, relays, meters, and generators while conducting indoor waterproofing renovations to prevent electrical fire accidents and address deficiencies such as excessive humidity and water leakage, improving energy-saving efficiency by approximately 285,617 kWh/year.

(4) Net-Zero Plan: Air Conditioning Updates

We completed updates to the North Complex's aging ice storage host, circulation pumps, leaking valve components, and monitoring system, increasing equipment availability and reducing failure risks while improving power consumption efficiency by approximately 250,000 kWh/year.



南館變電站更新
South Complex Substation Updates



北館儲冰主機汰換
North Complex Ice Storage Host Replacement

5、擷節電費支出

本館每月召開節電小組會議加強管控館內儲冰主機、冰水主機、電梯、飲水機、燈光及空調使用時間與運轉效率，並更換館內老舊冰箱。2025 年用電量較 2024 年節省 37 萬度、較基期年 (2023 年) 節省 42 萬度。

6. 落實綠色採購

本館綠色採購環保標章產品佔指定採購項目比率達 97.31%，綠色採購環保標章產品總金額達 244 萬 8,871 元。

園區環境優化



追風廣場
Chasing Wind Plaza

1、災害復原

本館於 2024 年遭逢凱米颱風及山陀兒颱風侵襲，其中山陀兒颱風造成本館受損嚴重，破壞大廳玻璃帷幕、大理石壁磚崩裂，損壞牌樓鋁企口版、遮雨棚採光罩；喬木因強風倒伏近 200 棵並壓損鄰近構造物。2025 年如期如質完成山陀兒及凱米颱風災害修繕工程及修復監視器、消防、空調、照明等營運設備。

5. Reducing Electricity Cost Expenditure

The museum holds monthly power-saving group meetings to strengthen control over usage time and operating efficiency of ice storage hosts, chilled water hosts, elevators, water dispensers, lighting, and air conditioning. We also replaced old refrigerators throughout the museum. In 2025, electricity consumption was reduced by 370,000 kWh compared to 2024 and by 420,000 kWh compared to the base year (2023).

6. Implementing Green Procurement

The museum's green procurement environmental label products accounted for 97.31% of designated procurement items, with total green procurement environmental label products reaching NT\$2,448,871.

Park Environment Optimization



東側草坪
East Lawn

1. Disaster Recovery

In 2024, the museum was hit by Typhoon Gaemi and Typhoon Shanshan. Typhoon Shanshan caused severe damage, destroying the lobby glass curtain wall, cracking marble wall tiles, damaging archway aluminum tongue-and-groove panels and rain shelter skylights. Nearly 200 trees fell due to strong winds, damaging nearby structures. In 2025, we completed Typhoon Shanshan and Typhoon Gaemi disaster repair works on schedule and with quality, and restored surveillance cameras, fire protection, air conditioning, lighting, and other operational equipment.



颱風致樹木傾倒壓壞不鏽鋼欄杆
Typhoon caused trees to fall and damage stainless steel railings



不鏽鋼欄杆已修復完成
Stainless steel railings have been repaired



颱風致樹木傾倒損壞植栽矮擋牆
Typhoon caused trees to fall and damage planting low walls



植栽矮擋牆已修復完成
Planting low walls have been repaired

2、南館場域活化計畫

本計畫將結合綠廊動線、植栽調節、智慧系統與能源設施全面優化南館周邊景觀；同時將南館建築立面更新及改善一樓教室、中庭、建築物出入口與委外空間等，活化整體空間使用效能，並打造舒適、友善且兼具永續韌性的教育與休閒環境。2025 年已完成先期規劃及統包工程發包，並將於 2026 年底完工，完工示意圖如下：



2026 年南館活化工程示意圖 (先期規劃)
2026 South Complex Revitalization Project Conceptual Drawing

2. South Complex Venue Revitalization Project

This project will combine green corridor circulation, planting regulation, smart systems, and energy facilities to comprehensively optimize the landscape around the South Complex. We will also update the South Complex building facade and improve first-floor classrooms, courtyards, building entrances and exits, and outsourced spaces, revitalizing overall space use efficiency and creating a comfortable, friendly, and sustainably resilient education and leisure environment. In 2025, we completed preliminary planning and design-build project bidding. The project will be completed by the end of 2026. Conceptual drawings upon completion are as follows:



2026 年南館活化工程示意圖 (先期規劃)
2026 South Complex Revitalization Project - Preliminary Planning Conceptual Drawing

強化資訊安全並提升系統使用便利性

運用建築資訊模型進行環境監控，並升級資安防禦系統及設備，防堵惡意攻擊、確保核心資料安全；導入最新版「ISO27001:2022 資訊安全管理系統」，並取得「BS 10012:2017 個人資訊管理系統驗證」；2025 年完成整合本館 14 套系統登入密碼為單一簽入系統，提升行政作業便利性。



BS10012:2017 個人資訊管理系統推薦函 BS10012:2017 Personal Information Management System Recommendation Letter

Strengthening Information Security and Improving System Usability

We use building information modeling for environmental monitoring and upgrade information security defense systems and equipment to prevent malicious attacks and ensure core data security. We introduced the latest version "ISO27001:2022 Information Security Management System" and obtained "BS 10012:2017 Personal Information Management System Verification." In 2025, we completed integration of login passwords for the museum's 14 systems into a single sign-in system, improving administrative operation convenience.



BS10012:2017 個人資訊管理系統驗證書 2026 South Complex BS10012:2017 Personal Information Management System Certificate

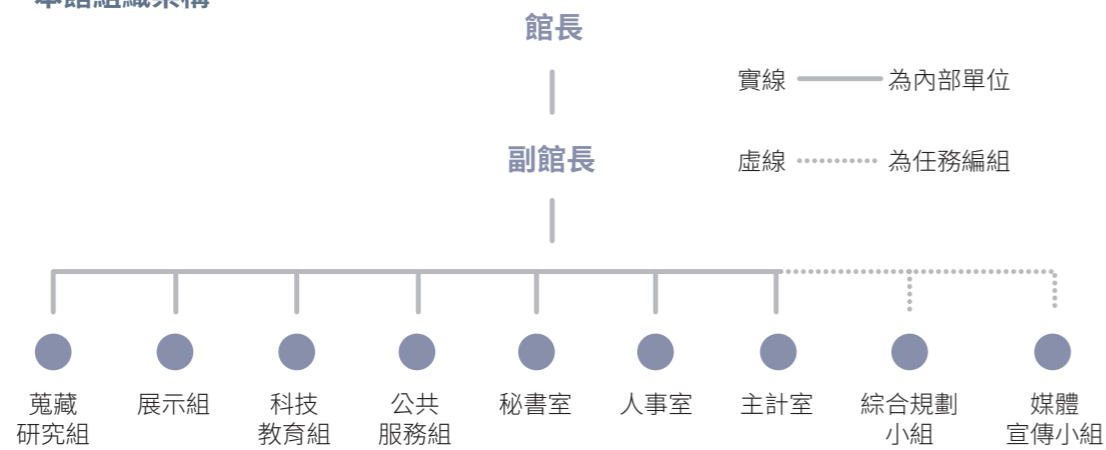




人事概況

Personnel Overview

本館組織架構



本館組織架構

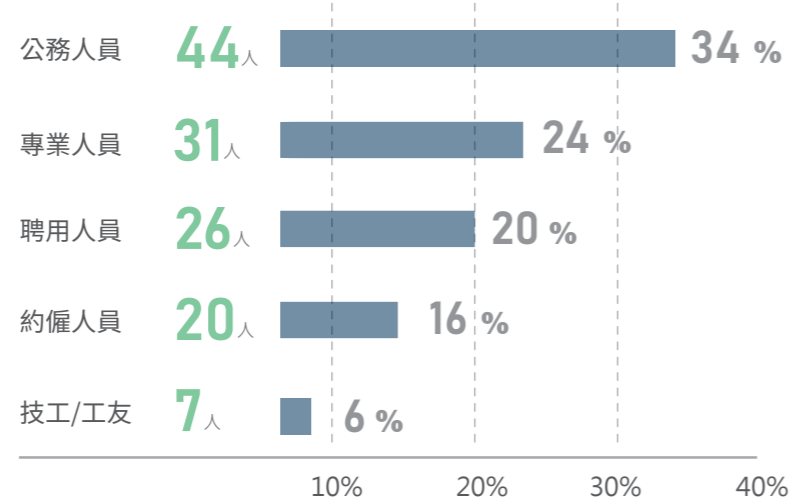
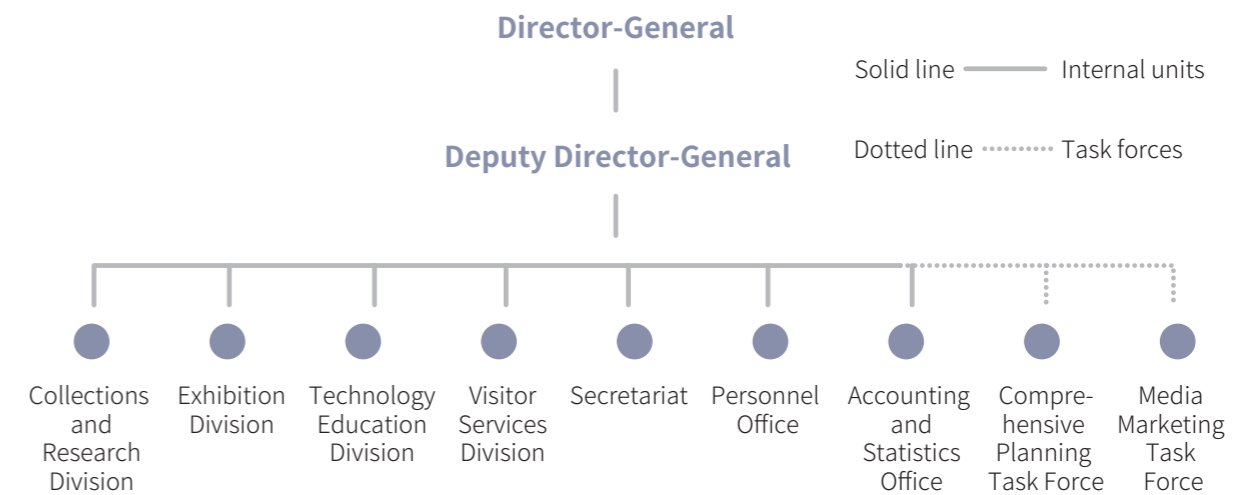


表 11 現有員額

類別 / 人數	現有人數	男性人數	女性人數	男性比率	女性比率
專業人員	29	14	15	48%	52%
公務人員	37	21	16	57%	43%
約聘僱人員	44	17	27	39%	61%
技工友人員	7	5	2	71%	29%
總計	117	57	60	49%	51%

Collection Achievements



Personnel Numbers

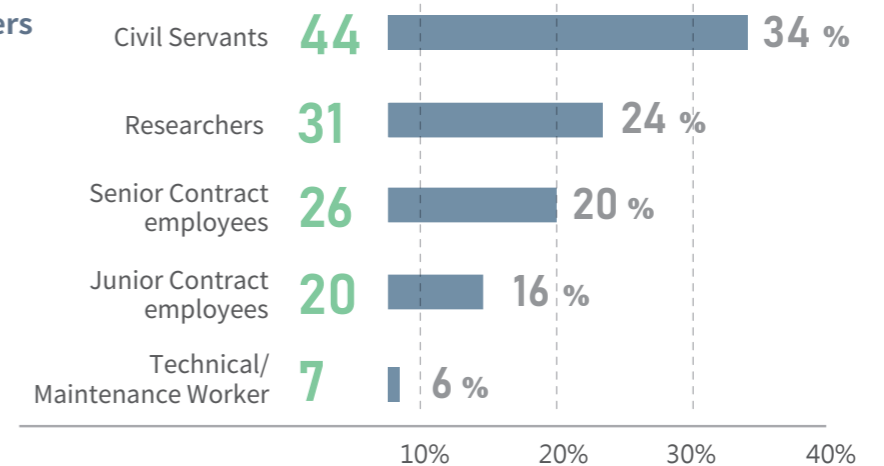
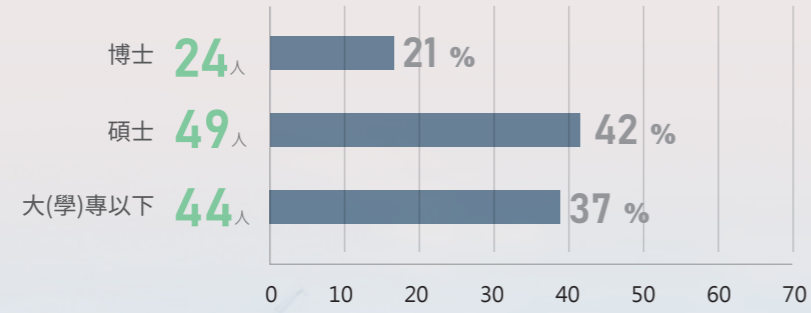


Table 11. Current Personnel Numbers

Category/ Number	Current Number	Male Number	Female Number	Male Ratio	Female Ratio
Professional Personnel	29	14	15	48%	52%
Civil Servants	37	21	16	57%	43%
Contract and Hired Personnel	44	17	27	39%	61%
Technical Workers	7	5	2	71%	29%
Total	117	57	60	49%	51%

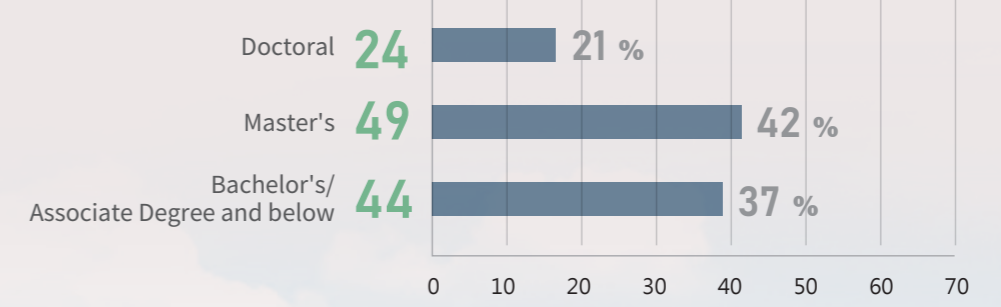
學歷統計

現有員額學歷統計圖



Education Statistics

Current Personnel Education Statistics Chart

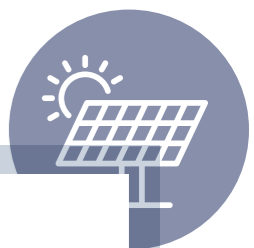




財務概況



Financial Overview



年度收支

科工館 2025 年執行結果總收入共計 492,598 千元，主要來源為社教機構發展補助收入 203,071 千元，佔總收入 41.22 %，自籌收入 289,527 千元，占總收入 58.78 %。業務成本與費用 549,450 千元，佔總收入 111.54%，業務外費用 354 千元，佔總收入 0.07 %，本年度實際短絀數 57,206 千元，主要原因係作業基金應依規定攤提折舊及攤銷所致。就收入面言之，科工館 2025 年自籌比率為 58.78%。

2025 年度收支餘絀決算表

單位：千元

科目	2025 年度預算數	2025 年度決算數	2024 年度決算數
	金額	金額	金額
業務收入	365,606	441,886	372,821
勞務收入	40,946	56,217	48,335
教學收入	62,004	98,985	60,896
其他業務收入	262,656	286,684	263,590
業務外收入	38,072	50,712	48,889
財務收入	2,240	5,774	4,521
其他業務外收入	35,832	44,938	45,368
收入合計	403,678	492,598	422,710
業務成本與費用	520,791	549,450	497,068
勞務成本	254,658	252,407	250,860
教學成本	46,994	86,878	52,258
管理費用及總務費用	219,139	210,165	193,950
業務外費用	0	354	10
支出合計	520,791	549,804	497,078
本期賸餘 (短絀 -)	-117,113	-57,206	-74,368
政府經常門補助比例	50.31%	41.22%	45.44%
機關經常門自籌比例	49.69%	58.78%	54.56%
自籌收入	200,607	289,527	230,615

資料來源：各年度預、決算書

Education Statistics

NSTM's 2025 implementation results showed total revenue of 492,598 thousand NT dollars, with the main source being social education institution development subsidy revenue of NT\$203,071 thousand, accounting for 41.22 % of total revenue, and self-generated revenue of 289,527 thousand NT dollars, accounting for 58.78% of total revenue. Business costs and expenses were 549,450 thousand NT dollars, accounting for 111.54 % of total revenue, non-operating expenses were 354 thousand NT dollars, accounting for 0.07 % of total revenue, and the actual deficit for this year was 57,206 thousand NT dollars, mainly due to the operating fund's requirement to appropriate depreciation and amortization in accordance with regulations. In terms of revenue, NSTM's self-financing ratio in 2025 was 58.78%.

2025 Revenue and Expenditure Surplus and Deficit Statement

Thousand NT Dollars

Account	2025 Budget	2025 Final Account	2024 Final Account
	Amount	Amount	Amount
Operating Income	365,606	441,886	372,821
Service Income	40,946	56,217	48,335
Education Income	62,004	98,985	60,896
Other Operating Income	262,656	286,684	263,590
Non-operating Income	38,072	50,712	48,889
Financial Income	2,240	5,774	4,521
Other Non-operating Income	35,832	44,938	45,368
Total Income	403,678	492,598	422,710
Operating Costs and Expenses	520,791	549,450	497,068
Service Costs	254,658	252,407	250,860
Education Costs	46,994	86,878	52,258
Management and General Expenses	219,139	210,165	193,950
Non-operating Expenses	0	354	10
Total Expenditure	520,791	549,804	497,078
Current Surplus (Deficit-)	-117,113	-57,206	-74,368
Government Current Subsidies Ratio	50.31%	41.22%	45.44%
Agency Current Self-generated Ratio	49.69%	58.78%	54.56%
Self-generated Income	200,607	289,527	230,615

Source: Budget and final accounts for each year.

年度資本門

科工館 2025 年度資本門預算增置固定資產計 133,792 千元，其中政府補助支應 119,922 千元，自籌經費支應 13,870 千元，共計 133,792 千元。

2025 年度固定資產建設改良擴充決算表

單位：千元

計畫科目	可用預算數	本年度決算數
固定資產之增置		
政府補助	119,922	114,426
自籌經費	13,870	13,541
合計	133,792	127,967

歷年收支預決算

自籌收入呈現穩定成長趨勢，力行各項開源節流措施，增進財務營運績效，進而達成財務健全及永續經營之目標。

近 5 年收入預、決算表

單位：千元

項目 年度	預算					決算				
	總計	社教機構補助	%	自籌部分	%	總計	社教機構補助	%	自籌	%
2025	403,678	203,071	50.31	200,607	46.69	492,598	203,071	41.22	289,527	58.78
2024	354,977	192,095	54.11	162,882	45.89	422,710	192,095	45.44	230,615	54.56
2023	342,735	186,026	54.28	156,709	45.72	417,307	186,026	44.58	231,281	55.42
2022	328,506	186,026	56.63	142,480	43.37	394,632	186,026	47.14	208,606	52.86
2021	316,792	180,219	56.89	136,573	43.11	362,069	180,219	49.77	181,850	50.23

資料來源：各年度預、決算書

近 5 年支出預、決算表

單位：千元

項目 年度	預算					決算					
	總計	社教機構補助	%	自籌部分	%	總計	經常支出		%	自籌	%
							人事費	經常費用			
2025	654,583	520,791	79.56	133,792	20.44	677,771	151,731	398,073	81.12	127,967	18.88
2024	507,444	469,714	92.56	37,730	7.44	533,708	148,715	348,363	93.14	36,630	6.86
2023	535,217	479,775	89.64	55,442	10.36	554,436	142,811	360,235	90.73	51,390	9.27
2022	539,840	465,741	86.27	74,099	13.73	563,204	140,153	351,023	87.21	72,028	12.79
2021	541,154	449,125	82.99	92,029	17.01	560,233	136,692	335,717	84.32	87,824	15.68

資料來源：各年度預、決算書

Annual Capital Account

NSTM's 2025 capital account budget for acquiring fixed assets totaled NT\$37,792 thousand, of which government subsidy supported NT\$33,109 thousand and self-generated funds supported NT\$4,683 thousand, totaling NT\$37,792 thousand.

2025 Fixed Asset Construction, Improvement and Expansion Final Account Statement

Unit: Thousand NT Dollars

Project Account	Available Budget Amount	Current Year Final Account Amount
Fixed Asset Acquisition		
Government Subsidy	119,922	114,426
Self-Generated Funds	13,870	13,541
Total	133,792	127,967

Historical Revenue and Expenditure Budgets and Final Accounts

Self-generated revenue shows a stable growth trend. By implementing various revenue generation and expenditure reduction measures, we enhance financial operational performance, achieving the goals of financial soundness and sustainable operation.

Revenue Budget and Final Account Table for the Past 5 Years

Unit: Thousand NT Dollars

Items Year	Budget					Final Account				
	Total	Social Education Institution Subsidy	%	Self-Generated Portion	%	Total	Social Education Institution Subsidy	%	Self-Generated Portion	%
2025	403,678	203,071	50.31	200,607	46.69	492,598	203,071	41.22	289,527	58.78
2024	354,977	192,095	54.11	162,882	45.89	422,710	192,095	45.44	230,615	54.56
2023	342,735	186,026	54.28	156,709	45.72	417,307	186,026	44.58	231,281	55.42
2022	328,506	186,026	56.63	142,480	43.37	394,632	186,026	47.14	208,606	52.86
2021	316,792	180,219	56.89	136,573	43.11	362,069	180,219	49.77	181,850	50.23

Expenditure Budget and Final Account Table for the Past 5 Years

Unit: Thousand NT Dollars

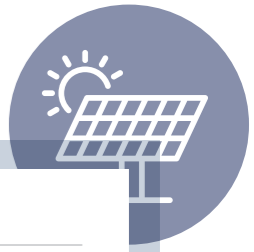
Items Year	Budget					Final Account					
	Total	Current Expenditure	%	Capital Expenditure	%	Total	Current Expenditure		%	Capital Expenditure	%
							Personnel Costs	Current Expenses			
2025	654,583	520,791	79.56	133,792	20.44	677,771	151,731	398,073	81.12	127,967	18.88
2024	507,444	469,714	92.56	37,730	7.44	533,708	148,715	348,363	93.14	36,630	6.86
2023	535,217	479,775	89.64	55,442	10.36	554,436	142,811	360,235	90.73	51,390	9.27
2022	539,840	465,741	86.27	74,099	13.73	563,204	140,153	351,023	87.21	72,028	12.79
2021	541,154	449,125	82.99	92,029	17.01	560,233	136,692	335,717	84.32	87,824	15.68

2025 年大事紀



- | | |
|-----------|---|
| 1/3-4/13 | 「X 疾病新興傳染病巡迴展」於國立公共資訊圖書館展出。 |
| 1/7-4/25 | 「人體內的縮小軍－創新生醫特展」於慈濟花蓮靜思堂展出，並於 1 月 7 日辦理開幕式。 |
| 1/17 | 日本「全國科學博物館協議會」25 人到館參訪，進行館際交流及參觀展廳。 |
| 1/22-1/25 | 本館辦理 2024-2025 機器人大賽台灣選拔賽，本競賽共計選手 1,200 人次參與。 |
| 1/25-2/2 | 首次辦理春節過年期間延長開館，期間每日延長開館至下午 6 時。 |
| 2/15-2/16 | 辦理上半年睦鄰電影欣賞活動，共有 969 位里民出席參與。 |
| 2/20 | 本館與高雄市立空中大學簽署合作備忘錄。 |
| 2/21-4/20 | 「島嶼關鍵字 - 水保防災起步走巡迴系列」於國立臺灣圖書館展出，並於 2 月 21 日辦理開幕記者會。 |
| 3/8-6/8 | 「憶兒時：南方童樂會特展」於雲林豐泰文教基金會展出，並於 3 月 8 日辦理開幕記者會。 |
| 3/12 | 「人造關係 - 開箱：傳播科技特展」於臺南市立圖書館總館新總館展出，並於 3 月 12 日辦理開幕記者會。 |
| 3/27 | 訂定「國立科學工藝博物館推廣教育審議小組設置及作業要點」，建立本館推廣教育開班審議制度。 |
| 4/13 | 本館與國立高雄師範大學共同承辦「114 學年度科技教育創意實作競賽決賽」(教育部國教署主辦)。 |

Chronicle of Major Events in 2025



- | | |
|-----------|--|
| 1/3-4/13 | "X Disease: Emerging Infectious Disease Tour Exhibition" exhibited at the National Library of Public Information. |
| 1/7-4/25 | "The Fantastic Army in Human Body: Innovative Biomedical Special Exhibition" exhibited at Tzu Chi Hualien Jing Si Hall, with an opening ceremony held on January 7 th . |
| 1/17 | Twenty-five members from Japan's "National Council of Science Museums" visited the museum for inter-museum exchanges and exhibition hall tours. |
| 1/22-1/25 | The museum held the 2024-2025 Robotics Competition Taiwan Selection, with 1,200 contestants participating. |
| 1/25-2/2 | For the first time, the museum extended opening hours during the Lunar New Year period, with daily extended hours until 6 PM. |
| 2/15-2/16 | We organized first-half-year neighboring community movie appreciation activities, with 969 neighborhood residents attending. |
| 2/20 | The museum signed a memorandum of cooperation with Kaohsiung Municipal Open University. |
| 2/21-4/20 | "Island keyword: Soil and Water Conservation for Disaster Prevention Tour Series" exhibited at the National Taiwan Library, with an opening press conference held on February 21 st . |
| 3/8-6/8 | "KidsFest of 5 ASEAN Countries" exhibited at the Fengtay Foundation in Yunlin, with an opening press conference held on March 8 th . |
| 3/12 | "Artificial Relationship Unboxing Communication Technologies" exhibited at Tainan Public Library Main Library, with an opening press conference held on March 12 th . |
| 3/27 | We formulated "National Science and Technology Museum Outreach Education Review Committee Establishment and Operation Guidelines," establishing the museum's outreach education course opening review system. |
| 4/13 | The museum jointly undertook with National Kaohsiung Normal University the "2025 Academic Year Science and Technology Education Creative Practice Competition Finals" (organized by the K-12 Education Administration, Ministry of Education). |

4/28	本館期刊《科技博物》榮獲國家圖書館 2025 年「期刊即時傳播獎-熱門組」、「期刊長期傳播獎-熱門組」兩個獎項。
5/2	「島嶼關鍵字 - 水保防災起步走」於桃園市立圖書館總館展出，並於 5 月 2 日辦理開幕記者會。
5/4	「看不見的尺度—奈米特展」於慈濟宜蘭靜思堂展出，並於 5 月 4 日辦理開幕記者會。
5/14	「人體內的縮小軍—創新生醫特展」於墾丁福華渡假飯店展出，並於 5 月 14 日辦理開幕記者會。
5/16	由台灣檢驗科技股份有限公司進行本館 ISO9001:2015 品質管理系統定期追查，以無缺失通過。
5/26	本館綠能生活探索館改建工程於 5 月份完成竣工及驗收程序。
5/29	「島嶼關鍵字 - 水保防災起步走」於桃園市立圖書館紅梅分館、石門水庫福華渡假飯店展出。
2025/06/01-2027/05/30	本館「國立科學工藝博物館場域優化暨設施更新計畫」經教育部核定通過，計畫經費新臺幣 4 億 2,600 萬元。計畫執行期間自 2025 年 6 月 1 日至 2027 年 5 月 30 日止。
6/3	本館與中油公司合作辦理全臺首座氫能的科普互動展覽「Next Power 氫能站特展」開展，展期自 2025 年 6 月 3 日至 2026 年 6 月 28 日。
6/6	「teamLab 共創！未來園」特展於 6 月 6 日辦理開幕記者會，展期自 2025 年 6 月 7 日至 10 月 12 日。
6/7-6/8	本館與國立高雄師範大學共同辦理「2025 科技 Fun 手玩 - 科技教育嘉年華」。
6/24	「人造關係 - 開箱：傳播科技特展」於慈濟新店靜思堂展出，並於 6 月 24 日辦理開幕記者會。
6/27	「傳染病防治科普教育巡迴展」於屏東 1936 文化基地修理工廠展出，展期自 2025 年 6 月 27 日至 8 月 31 日。

4/28	The museum's journal "Technology Museum" won the National Central Library's 2025 "Journal Instant Dissemination Award: Popular Category" and "Journal Long-Term Dissemination Award: Popular Category."
5/2	"Island keyword: Soil and Water Conservation for Disaster Prevention" exhibited at Taoyuan City Library Main Library, with an opening press conference held on May 2 nd .
5/4	"Nanometer - The Invisible Scale" exhibited at Tzu Chi Yilan Jing Si Hall, with an opening press conference held on May 4 th .
5/14	"The Fantastic Army in Human Body - Innovative Biomedical Special Exhibition" exhibited at Howard Beach Resort Kenting, with an opening press conference held on May 14 th .
5/16	SGS Taiwan Ltd. conducted a regular follow-up audit of the museum's ISO9001:2015 quality management system, which passed with no deficiencies.
5/26	The museum's Green Energy Life Exploration Hall renovation project completed acceptance procedures in May.
5/29	"Island keyword: Soil and Water Conservation for Disaster Prevention" exhibited at Taoyuan City Library Hongmei Branch and Howard Resort Shimen Reservoir.
2025/06/01-2027/05/30	The museum's "National Science and Technology Museum Venue Optimization and Facility Renewal Project" was approved by the Ministry of Education with project funding of NT\$426 million. The project implementation period runs from June 1, 2025 to May 30, 2027.
6/3	The museum cooperated with CPC Corporation to organize Taiwan's first hydrogen energy popular science interactive exhibition "Next Power Hydrogen Energy Station Special Exhibition," with the exhibition period from June 3, 2025 to June 28, 2026.
6/6	"teamLab Future Park Kaohsiung" special exhibition held an opening press conference on June 6 th , with the exhibition period from June 7, 2025 to October 12 th .
6/7-6/8	The museum jointly organized the "2025 Technology Fun Hands-on - Technology Education Carnival" with National Kaohsiung Normal University.
6/24	"Artificial Relationship Unboxing Communication Technologies" exhibited at Tzu Chi Xindian Jing Si Hall, with an opening press conference held on June 24 th .
6/27	"Infectious Disease Prevention Popular Science Education Tour Exhibition" exhibited at Pingtung Tobacco Factory 1936 Culture Base Repair Factory, with the exhibition period from June 27, 2025 to August 31 st .

6/27	完成製作本年度暑假暨 115 年度寒假國立社教機構及文化機構聯合行銷計畫之宣導品，並發送至各館所。
7/3	本館與高雄市政府教育局童軍教育發展中心簽署合作備忘錄。
7/9-7/15、8/7-8/17	本館與海洋委員會共同辦理「2025 海洋教育巡迴活動」。
7/11	「烽火船說—水下文化資產特展」辦理開幕記者會，展期自 2025 年 7 月 11 日至 11 月 30 日。
7/15	本館承接台灣中油公司「『宏南宿舍市定古蹟』展示館委託經營管理專業服務案」，自本日起經營「六燃丁種宿舍 - 市定古蹟」展示館 2 年，並於 8 月 9 日正式對外開放。
8/2	職探任意門於 8 月 2 日辦理開幕記者會，展期自 2025 年 8 月 2 日至 2027 年 12 月 31 日止。
8/3-8/8	本館於疫後首次恢復與新加坡博物館組織如科學中心、藝術科學館等機構辦理「2025 新加坡親子科學營」。
8/5	本館「公文整合系統 V5.0」經國家發展委員會檔案管理局驗證單位審核通過 NAA EDRMS-1：2020 驗證 (轉版換證)。
8/14-8/17	本館與臺灣索尼股份有限公司合作辦理「第 13 屆索尼創意科學大賞 - 玩具成果展」(高雄場)。
8/30-8/31	辦理下半年睦鄰電影欣賞及「『星動時刻·量測傳說』特展 - 量測萬物與星座的探索之旅」參觀活動。
9/16	與財團法人金屬工業研究中心於本館合辦「氫知未來·科技扎根」教育行動日捐贈儀式。
2025/09/12-2026/11/01	「島嶼關鍵字 - 水保防災起步走巡迴展」移展至小叮噹科學主題樂園，展期自 2025 年 11 月 10 日至 2026 年 11 月 1 日。

6/27	We completed production of promotional materials for this year's summer vacation and 2026 winter vacation joint marketing plan for national social education institutions and cultural institutions and distributed them to all of the institutions.
7/3	The museum signed a memorandum of cooperation with the Scout Education Development Center of Kaohsiung City Government Education Bureau.
7/9-7/15、8/7-8/17	The museum jointly organized the "2025 Marine Education Tour Activities" with the Ocean Affairs Council.
7/11	"Wars and Shipwrecks - A Special Exhibition of Underwater Cultural Heritage" held an opening press conference, with the exhibition period from July 11, 2025 to November 30 th .
7/15	The museum undertook CPC Corporation Taiwan's "'Hongnan Dormitory Municipal Historic Site' Exhibition Hall Commissioned Operation and Management Professional Service Case," operating the "D-Type Dormitory of the Sixth Fuel Factory: Municipal Historic Site" exhibition hall for two years from this date, officially opening to the public on August 9 th .
8/2	Explore Career and Self through the Door held an opening press conference on August 2 nd , with the exhibition period from August 2, 2025 to December 31, 2027.
8/3-8/8	For the first time post-pandemic, the museum resumed cooperation with Singapore museum organizations such as the Science Centre and ArtScience Museum to organize the "2025 Singapore Parent-Child Science Camp."
8/5	The museum's "Official Document Integration System V5.0" passed NAA EDRMS-1:2020 verification (version transfer and certificate renewal) after review by the National Development Council Archives Administration verification unit.
8/14-8/17	The museum cooperated with Taiwan Sony Corporation to organize "The 13 th Sony Creative Science Award: Toy Achievement Exhibition" (Kaohsiung Session).
8/30-8/31	We organized second-half-year neighboring community movie appreciation and "'Measuring Technology Exhibition' Journey of Exploring All Things and Constellations through Measurement" visit activities.
9/16	The museum co-hosted the donation ceremony of the "Hydrogen Knowledge for the Future: Technology Rooting Education Action Day" with the MIRDC.
2025/09/12-2026/11/01	The touring exhibition "Island Keyword – Soil and Water Conservation for Disaster Prevention" was relocated to Little Ding-Dong Science Theme Park, with the exhibition period running from November 10, 2025, to November 1, 2026.

2025/09/22-2026/03/07 「黏 TT 工廠事件簿 - 黏的科學與體驗特展」移展至臺中大里靜思堂，展期自 2025 年 9 月 22 日至 2026 年 3 月 7 日。

2025/10/01-2026/02/01 「防疫戰鬥營特展」移展至台南三井購物廣場，展期自 2025 年 10 月 1 日至 2026 年 2 月 1 日。

10/17-10/18 辦理第 44 屆高雄市中小學科學園遊會，共設有 95 個攤位。

2025/10/21-2026/03/31 本館與國營臺灣鐵路股份有限公司、國家鐵道博物館籌備處、臺灣糖業股份有限公司、台南市文化資產管理處等合辦「魔模時光機－臺灣鑄造木模文物展」，辦理開幕記者會，展期自 2025 年 10 月 21 日至 2026 年 3 月 31 日。

10/25-10/26 舉行永續能源創意實作競賽決賽暨頒獎典禮。

10/30-31 本館與國立故宮博物院及國立臺南藝術大學合辦「2025 第一屆博物館學與保存維護國際雙年學術研討會」。

11/01 動力與機械展示廳「鎖具展示單元」開展。

11/01 本館獲選交通部觀光署「台灣觀光 100 亮點」殊榮，推出低碳遊程行銷，促進城市觀光連結。

11/4 與午洋企業有限公司簽署衣技織長廳淨零減碳聯盟專區合作協議書。

11/8-11/9、11/15-11/16 辦理第六屆臺灣科學節，總計 233 場活動，服務 8 萬 222 人次。

2025/11/13-2026/02/22 與聯合數位文創合辦「100% 哆啦 A 夢 & FRIENDS 巡迴特展高雄站特展」，11 月 13 日辦理開幕記者會，展期自 2025 年 11 月 14 日至 2026 年 2 月 22 日。

11/13 與樹德科技大學簽署衣技織長廳時尚展演秀產學合作專案合約。

11/14 與國立成功大學博物館簽署鎖具文物借展合作協議書。

2025/09/22-2026/03/07 The special exhibition "Sticky Factory" was relocated to Tzu Chi Dali Jing Si Hall in Taichung, with the exhibition period running from September 22, 2025, to March 7, 2026.

2025/10/01-2026/02/01 The special exhibition "Disease Prevention Combat Camp – Dengue Fever and Influenza" was relocated to Mitsui Outlet Park Tainan, with the exhibition period running from October 1, 2025, to February 1, 2026.

10/17-10/18 The museum organized the 44th Kaohsiung Primary and Junior High School Science Fair, featuring a total of 95 booths.

2025/10/21-2026/03/31 The museum, in collaboration with Taiwan Railway Corporation, Ltd., NATIONAL RAILWAY MUSEUM, TSC, and TMACH, co-hosted the opening press conference for the "Magic Time Machine of Wooden Patterns: Taiwan Foundry Wooden Pattern Artifact Exhibition," which runs from October 21, 2025, to March 31, 2026.

10/25-10/26 The museum held the finals and award ceremony of the Sustainable Energy Innovation Contest.

10/30-10/31 The museum co-organized the "2025 First International Biennial Conference on Museology and Conservation" with the National Palace Museum and TNNUA.

11/01 The "Locks Display Unit" in the Power and Machines exhibition hall was officially opened to the public.

11/01 The museum was selected by Tourism Administration, MOTC, as one of the "Taiwan Tourism 100 Highlights," and subsequently launched low-carbon travel promotions to strengthen connections in urban tourism.

11/4 The museum signed a cooperation agreement with WYNIST RETAIL SOLUTIONS INC. to establish a Net-Zero Carbon Reduction Alliance Zone in the Textile and Clothing exhibition hall.

11/8-11/9、11/15-11/16 The museum organized the 6th Taiwan Science Festival 2025, delivering a total of 233 events and serving 80,222 participants.

2025/11/13-2026/02/22 In cooperation with udnFunLife Co., LTD., the museum co-hosted the "100% Doraemon & FRIENDS" touring special exhibition in Kaohsiung. An opening press conference was held on November 13, and the exhibition runs from November 14, 2025, to February 22, 2026.

11/13 The museum signed an industry-academia cooperation project agreement with Shu-Te University for a fashion showcase in the Textile and Clothing exhibition hall.

11/14 The museum signed a loan agreement with the NCKU Museum for the exhibition of lock-related artifacts.

- 11/15 烹調的科學展示廳「肉類及蛋白質區」部分更新開展。
- 11/15-11/16 與農業部農村發展及水土保持署合作「2025 永續農村食農開箱」系列活動。
- 2025/12/02-2026/01/25 「烽火船說 - 水下文化資產特展」金門展覽於 11 月 26 日辦理開幕，展期自 2025 年 11 月 26 日至 2026 年 1 月 25 日於金門文化園區金門歷史民俗博物館展出。
- 12/6-12/14 本館與全臺 30 所大專校院、高中職及企業單位合作，於大廳展出「2025 臺灣能 - 永續能源創意展」。
- 12/10 本館與佛陀紀念館簽署合作備忘錄，未來 4 年共同規劃移展合作。
- 12/29 「莫拉克風災紀念廳 - 沉浸式劇場」新增數位雙生「共 / 生」互動劇場影片一部。

- 11/15 The "Meat and Protein" area of the Science of Cooking exhibition underwent a partial update and reopened.
- 11/15-11/16 In collaboration with ARDSWC, the museum organized the "2025 Sustainable Rural Agri-Food Unboxing" series of activities.
- 2025/12/02-2026/01/25 The Kinmen stop of "Wars and Shipwrecks – A Special Exhibition of Underwater Cultural Heritage" opened on November 26, 2025, and runs until January 25, 2026, at the Kinmen Museum of History and Folklore.
- 12/6-12/14 The museum collaborated with 30 universities, senior high schools, vocational institutions, and corporate partners across Taiwan to present the "2025 Taiwan Energy: Sustainable Energy Innovation Contest" exhibition in the museum lobby.
- 12/10 The museum signed a memorandum of cooperation with the Fo Guang Shan Buddha Museum, planning joint touring exhibitions over the next four years.
- 12/29 One digital twin-based Symbiosis Interactive immersive theater video was added to the "Light Up the Future: Stories of Recovery and Reconstruction after Morakot — Exhibition Hall."



國立科學工藝博物館 114年報

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許東家、林秀慈、張景勛
出版機關 國立科學工藝博物館
地址 高雄市80765三民區九如一路720號
電話 886-7-3800089
傳真 886-7-3846437
網址 <http://www.nstm.gov.tw>
設計製作 翰堂設計事業有限公司
翻譯 碧詠翻譯資訊有限公司
出版年月 民國115年1月
版次 初版
定價 新台幣150元
ISBN 9786263457782
GPN 4711500015