

國立臺灣科學教育館
National Taiwan Science Education Center
2023 國際數學日

International Day of Mathematics
Mathematics for Everyone

活動時間：2023 / 03 / 11 (六) - 03 / 12 (日) 本活動僅須憑本館常設展門票即可參加
Time: 2023 / 03 / 11 (Sat.) - 03 / 12 (Sun.)

活動說明：聯合國教科文組織(UNESCO)制定每年3月14日為國際數學日(International Day of Mathematics)，亦可稱為 π Day。今年主題為「國際數學日 Mathematics for Everyone」，期待讓社會了解數學在教育、科技、經濟、文化等面向所帶來助益與影響，就讓我們攜手來科教館玩數學，翻轉你對數學的印象。

Event Description: The United Nations Educational, Scientific, and Cultural Organization (UNESCO) designated March 14 as the International Day of Mathematics (a.k.a. π Day). The theme of this year's "International Day of Mathematics" is "Mathematics for Everyone," which aims to help the public understand the benefit and impact of mathematics on education, technology, economy, culture, etc. Join us at the National Taiwan Science Education Center to play with mathematics and flip your idea about it.

(一) pizza House-數學嘉年華：

活動時間：2023 / 03 / 11 (六) - 03 / 12 (日) 10:00-17:00。

Time: 2023 / 03 / 11 (Sat.) - 03 / 12 (Sun.) 10:00-17:00

活動地點：1F 大廳、5F、6F 中廊。

Place: 1F, 5F, 6F

活動說明：歡迎光臨 pizza House！我們將推出獨家美味的 pizza，阿拉伯數字是我們的食材、加減乘除是我們的香料，方程式是我們的佐料~

顛覆你認識的數學！就來動動手阿、動動腦，在攤位區收藏每一塊 pizza，品嚐不一樣的數學滋味吧！

3樓還有不定時快閃展演工作坊，每場次名額有限，先搶先贏~

※備註：闖關辦法及展演工作坊報名方式依現場公告。

Event Description: Greetings from the π izza House! To change what you know about mathematics, we will launch an unique and delicious π izza using Arabic numerals as ingredients, addition, subtraction, multiplication, and division as spices, and equations as condiments. Come and do it with your hands and mind, gather all of the π izzas in the booth area, and sample the various flavors of mathematics!

There are also periodic pop-up performance workshops on the third-floor. Since the number of participants for each session is limited, do hurry to grab your spot.

※Remarks: Barrier game rules and registration for the performance workshop will be announced on-site.

(二) 雙語教育論壇 Educational Forum

地點：5F 極大極小劇場 Place: 5F

1. 專題演講「雙語教育如何落實於教育現場？」

Lecture: How to Implement Bilingual Education in the Education Scene

邀請在臺灣致力於雙語教育的袁媛教授現場分享臺灣目前推行的雙語教學，究竟遇到了哪些問題？又有什麼解方呢？歡迎所有對雙語教育議題有興趣的朋友一起加入，聽聽專家的說法！

Professor Yuan Yuan, who is dedicated to bilingual education in Taiwan, was invited to speak on the present state of bilingual education in Taiwan. What problems did she run into? What are the solutions? Everyone who is interested in bilingual education is encouraged to join us and learn what the expert has to say about the topic!

活動時間：3/11 15:00-16:30

Time: 3/11 15:00-16:30

活動講者：國立臺中教育大學數學教育學系 袁媛教授、中原大學應用外國語文學系呂妍慧教授

Speaker:

1. Professor Yuan Yuan, Department of Mathematic Education, National Taichung University of Education
2. Associate Professor Lu Yenhui, Department of Applied Linguistics and Language Studies, Chung Yuan Christian University

2. 跨域交流「親子共學與雙語教育」

Interdisciplinary Communication: Parent-Child Learning and Bilingual Education

專為關心孩子教育的家長與工作者們所舉辦，特別邀請在親子教育與雙語教育領域都極具經驗的教師、教授前來進行交流，無論您是不是教育工作者，只要關心親子共學與雙語教育議題，都十分歡迎您來參加！

This event is designed specifically for parents and professionals who are concerned about children's education. Educators and academics with extensive expertise in parent-child education and bilingual education are particularly encouraged to take part in the exchange activity. Everybody is welcome, whether you are an educator or not, as long as you are interested in parent-child learning and bilingual education issues.

活動時間：3/12 10:00-11:30

Time: 3/12 10:00-11:30

活動講者：國立師範大學物理系陳育霖助理教授、臺北市南港國小張齡云老師、國立師範大學電機與工程學系賴以威教授、

Speaker:

1. Assistant Professor Chen Yulim, Department of Physics, National Taiwan Normal University
2. Teacher Chang Lingyun, NanGang Elementary School
3. Associate Professor Lai Iwei, Department of Electrical Engineering, National Taiwan Normal University

3. 互動交流「互動式雙語工作坊」

Interactions: Interactive Bilingual Workshop

近年來雙語教學已成為臺灣教育學習風潮，本場次將以雙語進行互動式工作坊，帶領現場參與親子、家長與教育工作者，一同體驗雙語教學的魔力。

In recent years, bilingual teaching has become a popular trend in Taiwan's educational and learning practices. This event will be conducted in the form of a bilingual interactive workshop, allowing the participating children, parents and educators to experience the wonders of bilingual teaching.

活動時間：3/12 13:00-14:30

Time: 3/12 13:00-14:30

活動講者：國立臺灣師範大學數學系司靈得教授、臺北市南港國小張齡云老師、中華民國數學會 沈俊嚴教授

Speaker:

1. Professor Daniel Eli Spector, Department of Mathematics, National Taiwan Normal University
2. Teacher Chang Lingyun, NanGang Elementary School
3. Professor Shen Chunyen, The Mathematical Society of the Republic of China

(三) pizza Hot-舞台表演 pizza Hot-Stage Show

地點：5F 極大極小劇場

Place: 5F

| 2023 年 03 月 11 日 (六) | | |
|----------------------|---|---|
| 時間 Time | 項目 Activity | 講師 Speaker |
| 10:00-11:00 | 2023 數感盃中英文詩創作競賽頒獎典禮 2023 Numeracy Writing Award Ceremony | |
| 11:00-12:00 | 詩人創作講座 Talk on Poetry Creation | 詩人、自由作家陳柏煜 Chen Poyu Poet & Freelance Writer |
| 13:00-13:30 | 數學音樂劇：〈達巴瓦拉到你家〉 Mathematical Musical Theater: “ <i>Dabbawala in the House</i> ” | EDU 創作社 EDU Musical Theatre |
| 14:00-14:30 | 國際數學日揭幕式 IDM Opening Ceremony | |
| 15:00-16:30 | 國際教育論壇(一) 專題演講：雙語教育如何落實於教育現場？ Educational Forum I Lecture: How to Implement Bilingual Education in the Education Scene | 臺中教育大學數學教育學系袁媛教授 Professor Yuan Yuan Department of Mathematic Education, National Taichung University of Education 中原大學應用外國語文學系呂妍慧教授 Associate Professor Lu Yenhui Department of Applied Linguistics and Language Studies, Chung Yuan Christian University |

2023年03月12日(日)

| 時間 Time | 項目 Activity | 講師 Speaker |
|-------------|---|---|
| 10:00-11:30 | 國際教育論壇(二) 跨域交流：親子共學與雙語教育 Educational Forum II Interdisciplinary Communication: Parent-Child Learning and Bilingual Education | 臺師大物理系陳育霖教授 Assistant Professor Chen Yulim Department of Physics, National Taiwan Normal University 南港國小張齡云老師 Teacher Chang Lingyun NanGang Elementary School 臺師大電機系賴以威教授 Associate Professor Lai Iwei Department of Electrical Engineering, National Taiwan Normal University |
| 11:30-12:00 | 數學短片播放與映後座談 Mathematician documentary Short Film Screening & Discussion | 中華民國數學會 The Mathematical Society of the Republic of China |
| 13:00-14:30 | 國際教育論壇(三) 互動交流：互動式雙語工作坊 Educational Forum III Interactions: Interactive Bilingual Workshop | 臺師大數學系司靈得教授 Professor Daniel Eli Spector Department of Mathematics, National Taiwan Normal University 南港國小張齡云老師 Teacher Chang Lingyun NanGang Elementary School 中華民國數學會沈俊嚴教授 Professor Shen Chunyen The Mathematical Society of the Republic of China |
| 14:40-15:00 | 數學魔數「思」 Mathematical Magic Show | 明道大學 莊惟棟 教授 Assistant Professor Chuang Weitung, MingDao University |
| 15:00-15:30 | 全民共創活動：Pizza 割圓術 Co-creation Activity: Cyclotomy Behind Pizza Cutting | |
| 16:30-17:30 | 數學音樂劇：〈達巴瓦拉到你家〉暨映 後座談 Mathematical Musical Show: “ <i>Dabbawala in the House</i> ” & Post-Show Discussion | EDU 創作社 EDU Musical Theatre |