

2026 JULAC LIBRARIES FORUM

# Collaborative Support for **Transdisciplinary** **Education**

at HKBU Library

PRESENTED BY

Tom Siu, Innovation Services Manager

Venus Lam, Information Services Librarian





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# HKBU Transdisciplinary Education

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**Disciplines**

**HKBU  
Transdisciplinary  
Education**

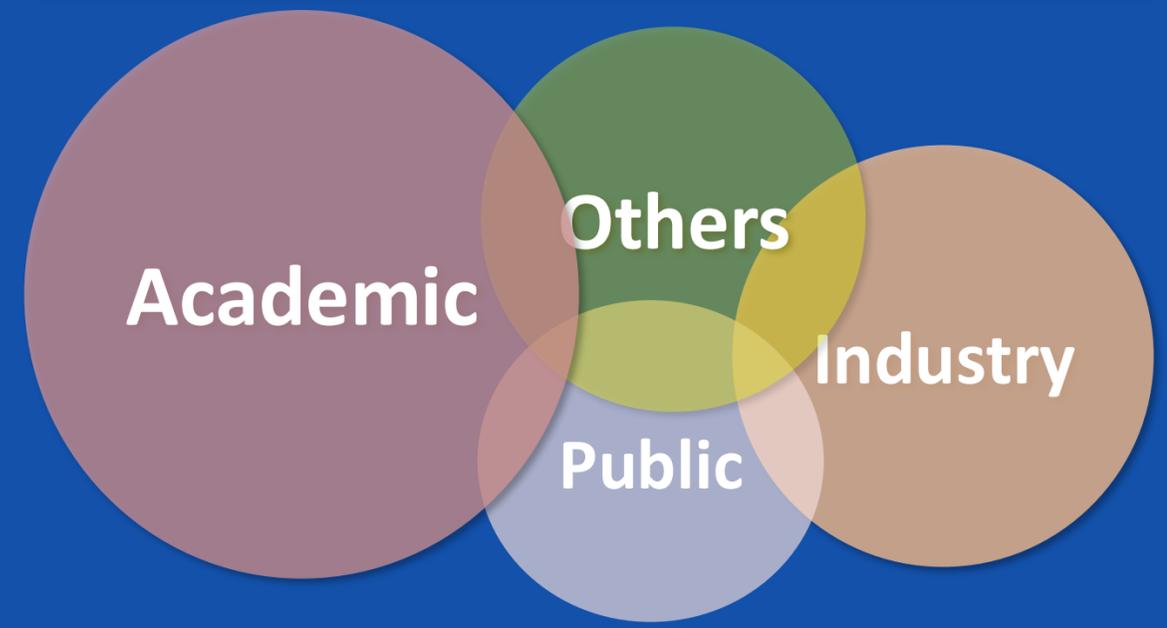


**Sectors**



**Disciplines**

**HKBU  
Transdisciplinary  
Education**



**Academic**

**Others**

**Industry**

**Public**



Disciplines

- Crossing of disciplines & sectors  
Students will be able to transcend disciplines to generate innovative ideas in various sectors of society
- Solution-based & contextualized learning
- Personalized, flexible learning pathways

HKBU  
Transdisciplinary  
Education

Academic

Others

Industry

Public

Student Showcase Project

Exploring Transdisciplinary Connections in Sustainable Oceans and Food

**Venue:**

- **Harmony Cafeteria,** Level 4, Sir Run Run Shaw Building, Ho Sin Hang Campus
- **Main Canteen** Level 5, Academic & Administration Building, Baptist University Rd Campus



# Transdisciplinary Education

To nurture future-shaping students who can integrate knowledge from multiple fields, collaborate across sectors, accommodate different cultural perspectives, and develop innovative solutions to complex global issues.

2022/2023

2025/2026



**HKBU**  
**TRANSDISCIPLINARY**  
**PROGRAMMES**

Bachelor of Arts and Science (Hons) in  
**ARTS TECH**

Bachelor of Social Sciences (Hons) / Bachelor of Science (Hons) in  
**INNOVATION IN HEALTH & SOCIAL WELL-BEING**

Bachelor of Arts, Science and Technology (Hons) in  
**INDIVIDUALISED MAJOR**

Bachelor of Arts (Hons) in Business Administration  
**GLOBAL ENTERTAINMENT**

Bachelor of Arts and Science (Hons) in  
**DIGITAL FUTURES & HUMANITIES**

## 7 Transdisciplinary Second majors

- Cultural Industry Management
- Green Technology and Sustainability Management
- Entrepreneurship and Innovation Management
- Digital Entertainment
- Interactive Media Publishing
- Creative Industry Management
- Applied AI for Sustainable Society

跨學科第二主修  
**TRANSDISCIPLINARY SECOND MAJORS**



**SECOND MAJORS**





IN HKBU  
**TRANSDISCIPLINARY  
EDUCATION**



**600+**  
**students**

**100+**  
**faculty**



Approximately 8% of  
undergraduate population

Engaged faculty, industry and  
community partners

Expected 30% of students will take  
transdisciplinary learning pathway by 2028



# HKBU Library **STRATEGIC PRIORITIES** 2025-2028

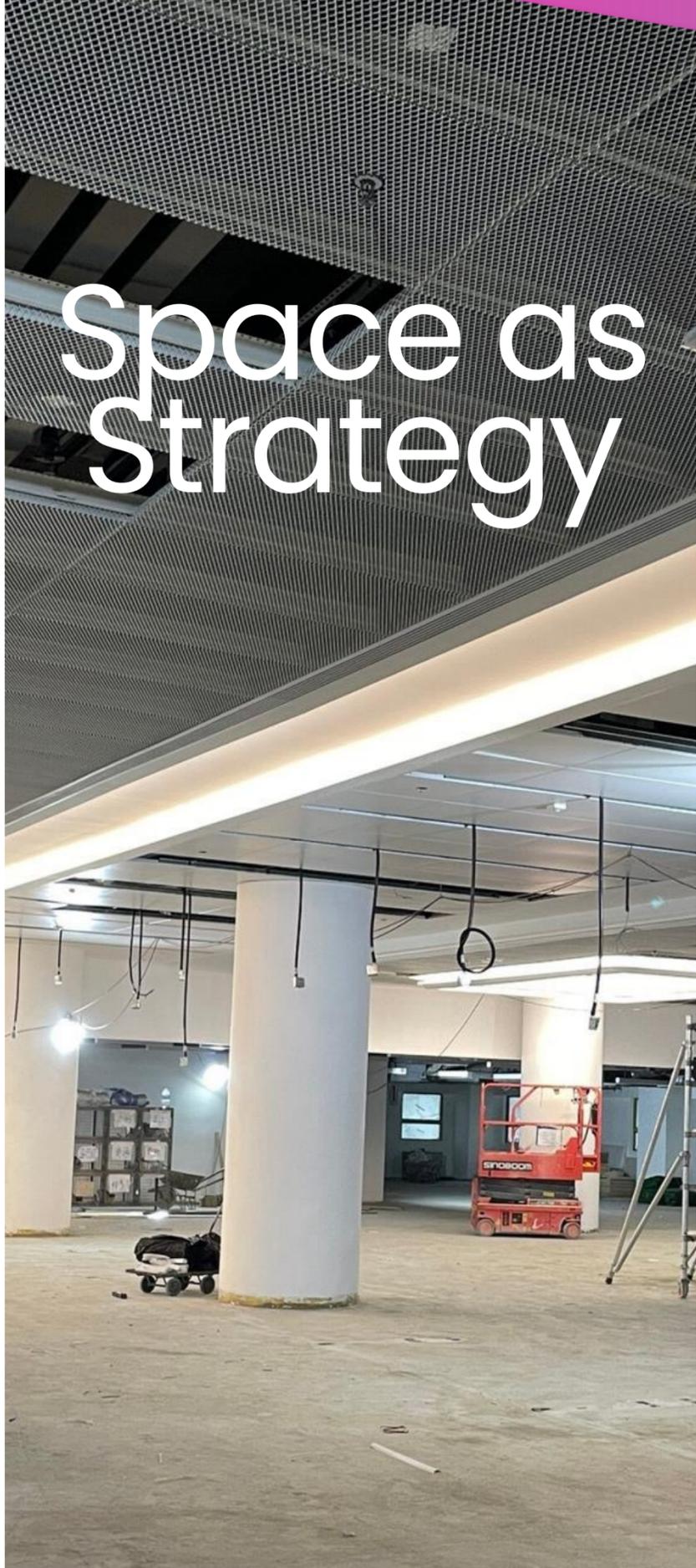
“Partners in Transdisciplinary Learning and Research”



Q&A



Knowledge Partnerships



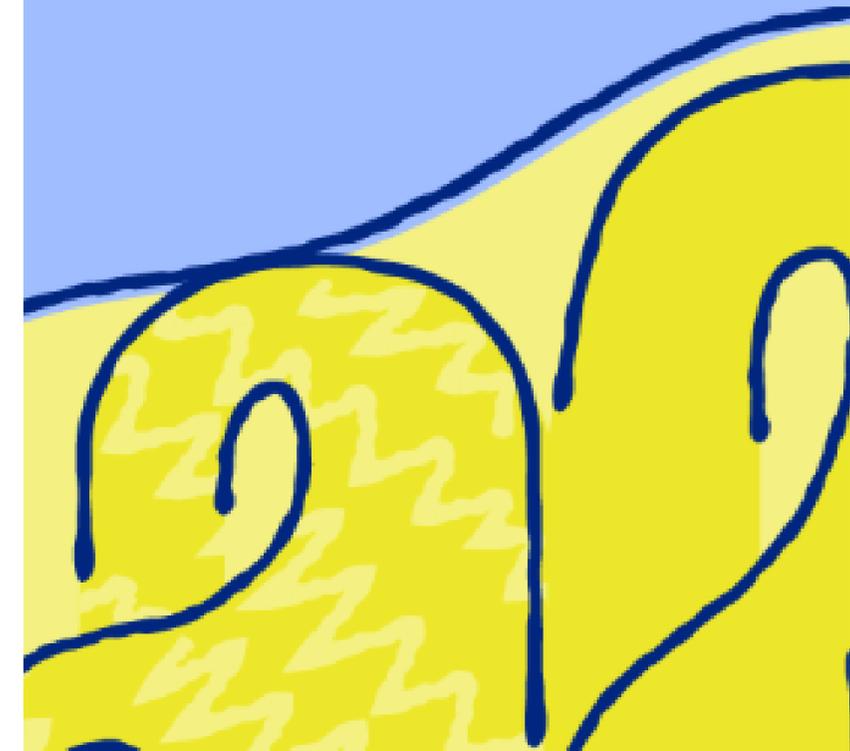
Space as Strategy

2026 JULAC Libraries Forum

User-Centric Libraries: A Sustainable Future through INNOVATION, TECHNOLOGY, and COLLABORATION



Culture & Visibility





# Knowledge Partnerships

Knowledge partnerships including librarians  
enhance transdisciplinary curriculum





Knowledge Partnerships



# Embedded Librarian

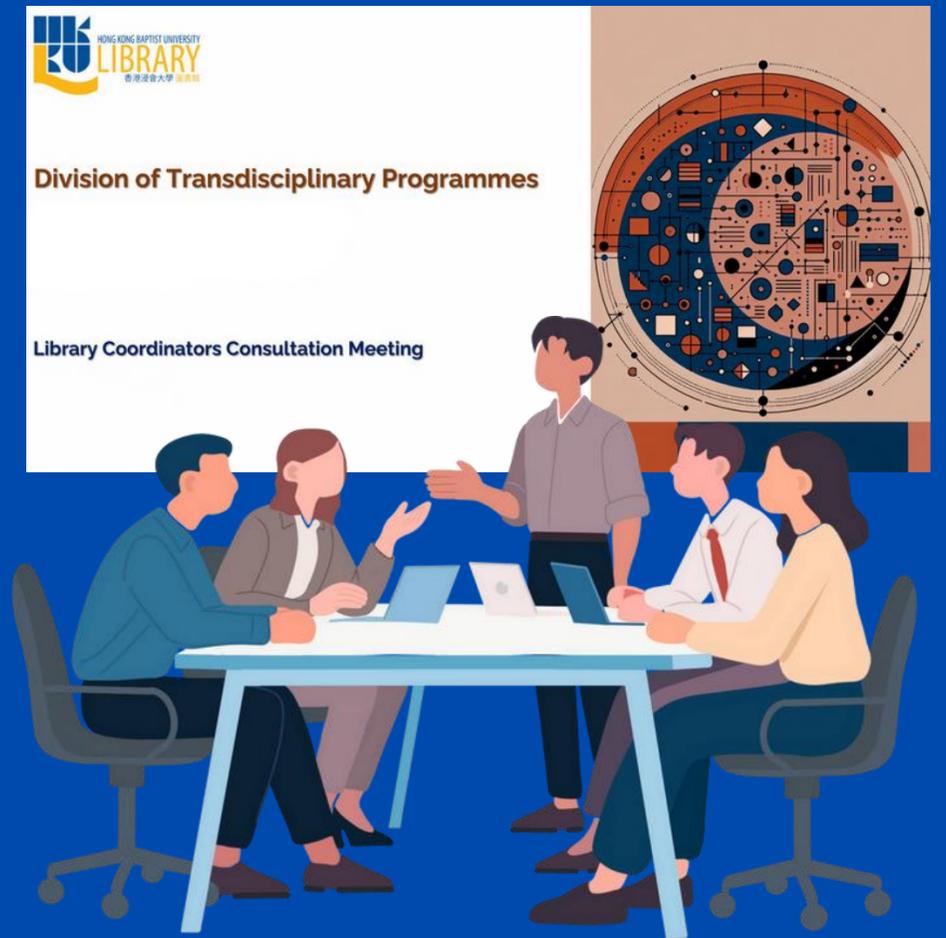
Learning & Transdisciplinary Support Librarian

## Division of Transdisciplinary Undergraduate Programmes

跨學科本科課程部

### Faculty/School-level support for DTUP

- Co-develop tailored learning activities and resource strategies to enhance library services and research support



### Provide periodic consultations under the Liaison Librarian Programme

- Conduct consultation sessions with department to align library support with transdisciplinary programme goals



Q&A

Knowledge Partnerships



Source: HKBU DTUP

# Tailored Library Workshops for TD program

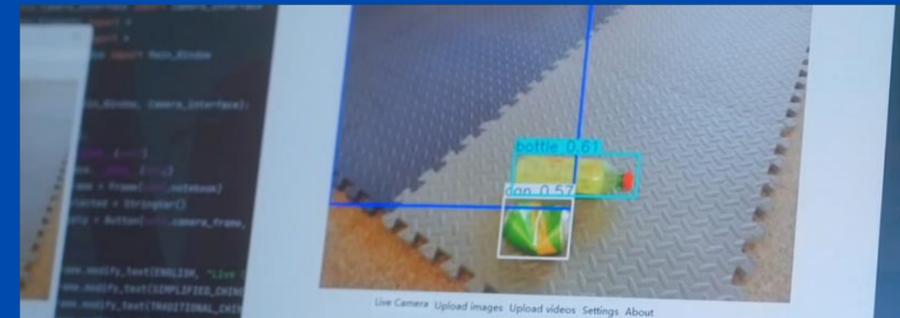
## Curate resources

Facilitate access to interdisciplinary resources, e.g., in-house TD collection, SDGs Online, Business Source Complete.

## Global Challenges

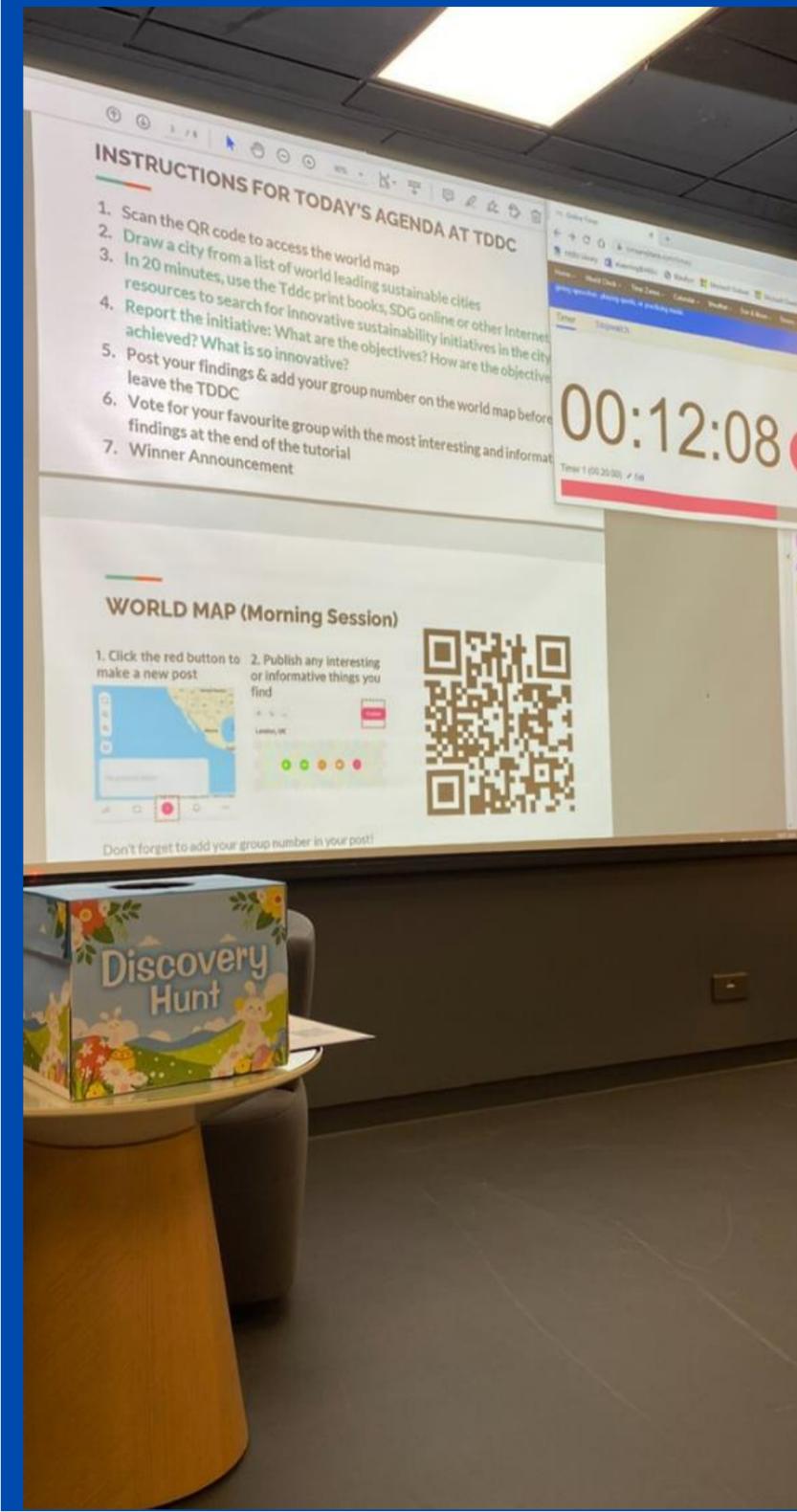


The Global Challenges core course explores global issues and fosters innovative, transdisciplinary problem-solving (e.g. Sustainable cities, Sustainable clothing, Life below water)





# Knowledge Partnerships



## Hands-on research approaches

Engage students in practical exercises using effective search strategies and AI tools (e.g., GenAI tools, Consensus, Scopus AI) to support TD research

## Collaboration & co-creation

Facilitate hand-on activities to explore, evaluate, and synthesize information across disciplines



# UX Research

Led by User Experience & Assessment

## Building Insight-Driven Library Collaboration

- Understand the experiences of students, faculty, and research staff with library support for transdisciplinary work at HKBU
- Identify specific needs, challenges, and opportunities when engaging with the library for transdisciplinary work
- Inform evidence-based enhancement of library services

### Key Phases in 2026





# Space as Strategy

Library spaces bridge disciplines, fostering collaboration and experimentation





Space as Strategy



# Trans-disciplinary Discovery Commons

A collaborative space designed to support transdisciplinary programmes

Located on Level 2 of the Au Shue Hung Memorial Library (Main Library)





# Space as Strategy



**Before – Original Level 2 space**  
Traditional learning commons before Tddc redevelopment



# Space as Strategy



Source: HKBU DTUP/ EO



After – A dynamic & collaborative TD learning space designed for discovery, exploration, and showcasing works



# Space as Strategy



**Exhibition @ Tddc**  
Re-Envisioning Myriad Happenings: Through Digital Lens



# Space as Strategy



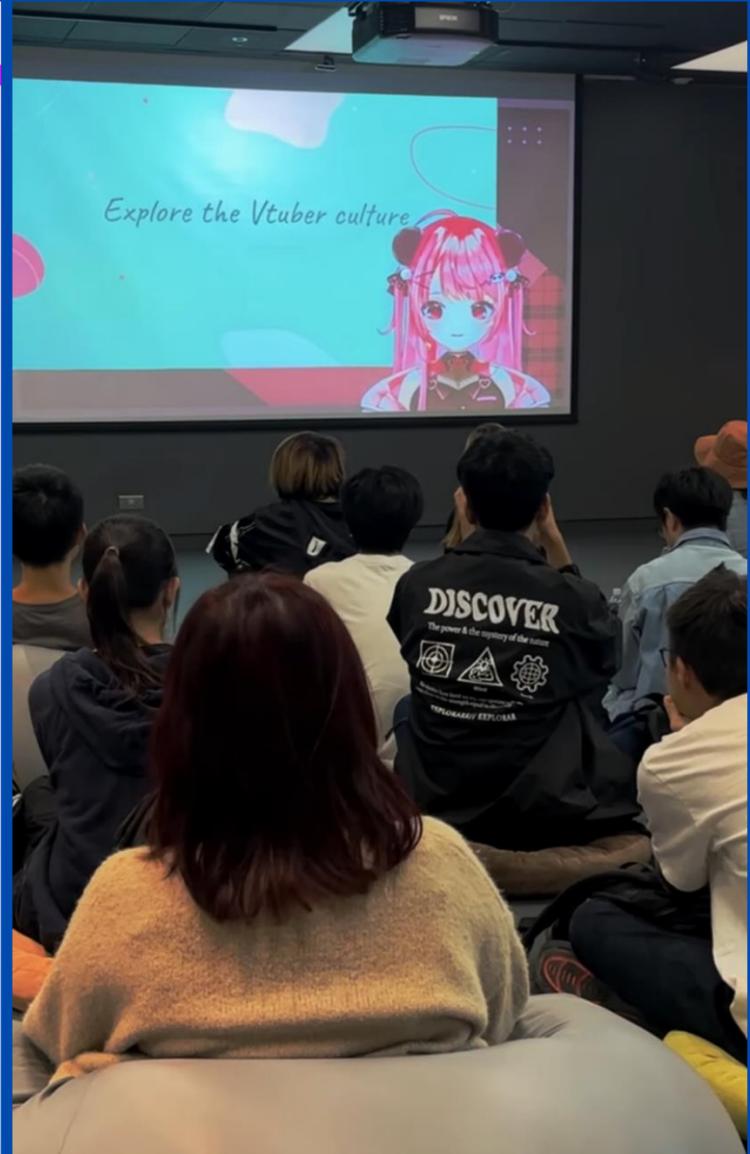
Source: HKBU Office of Student Affairs

THE INNOVATIVE

ARTS AND CULTURE  
VTUBER



MYA



## Cultural Literacy Programme @ Tddc

Explore the Culture of VTuber



# Space as Strategy



Source: HKBU DTUP

香港浸會大學 HONG KONG BAPTIST UNIVERSITY  
跨學科本科課程部 DIVISION OF TRANSDISCIPLINARY UNDERGRADUATE PROGRAMMES

## Transdisciplinary Student Conference 2025

**Poster Exhibition:**  
8 - 16 April 2025

**Student Presentation**  
8 April – 3:30pm - 6:30pm  
15 April – 3:30pm - 6:30pm

**Venue:**  
Trans-disciplinary Discovery Commons (Tddc),  
Level 2 Au Shue Hung Memorial Library

Information:   
Registration:

For Any Enquires, please feel free to email dtup@hkbu.edu.hk



香港浸會大學 HONG KONG BAPTIST UNIVERSITY  
社會科學院 FACULTY OF SOCIAL SCIENCES  
DEPARTMENT OF COMPUTER SCIENCE 計算機科學系  
HONG KONG BAPTIST UNIVERSITY DIVISION OF TRANSDISCIPLINARY UNDERGRADUATE PROGRAMMES

## COMP2036 AI and Data Analytics for Health and Social Innovation

### Project Exhibition

**19 April 2024**  
**10:30am - 1:20pm**

Venue: Trans-disciplinary discovery commons (Tddc)  
Level 2, Au Shue Hung Memorial Library

**FREE ENTRY**

# Transdisciplinary Student Conference & Project Exhibition @ Tddc

Showcasing student creativity, applied research, and cross-disciplinary solutions



Q&A



香港浸會大學  
HONG KONG BAPTIST UNIVERSITY

社會科學院  
FACULTY OF SOCIAL SCIENCES

DEPARTMENT OF  
COMPUTER SCIENCE  
計算機科學系

HONG KONG  
BAPTIST UNIVERSITY  
DEPARTMENT OF TRAINING IN LIBRARY  
AND INFORMATION PROFESSIONS

# COMP2036 AI and Data Analytics for Health and Social Innovation

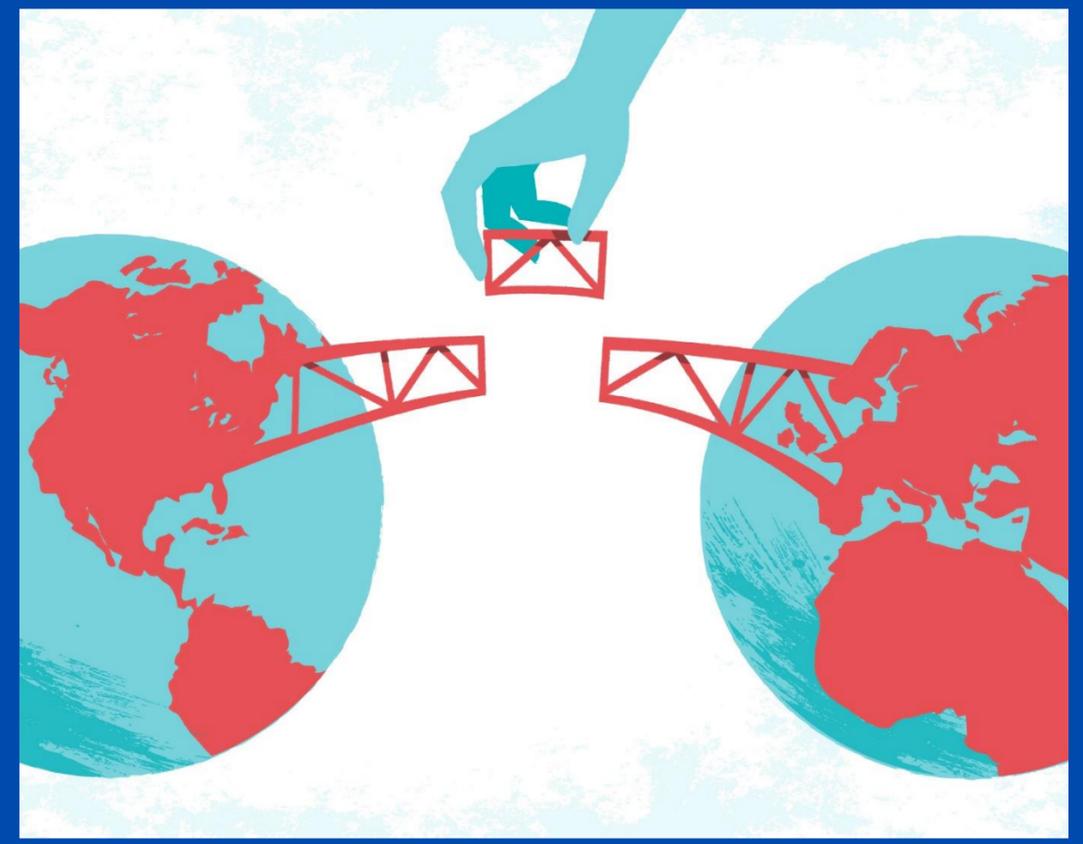
## Project Exhibition





# CollabTech Commons

- Leveraging Library's accessibility as a central campus unit to foster **interdisciplinary collaboration** across academic departments.
- Provide **beginner to intermediate** technological equipment, enabling departments to focus their budget on advanced tech for specialized research.
- **Bridge the divide** between non-science and science staff/students through proactive **services and workshops** on equipment use.
- Offer targeted support for staff and students in DTUP, IMD, and Digital Futures programs.





Space as Strategy



# Multimedia Learning Centre



Group Viewing Room



AV Shelves



Data Analysis Room



PG Study Rooms



Public PCs



AV Stations



Computer Lab



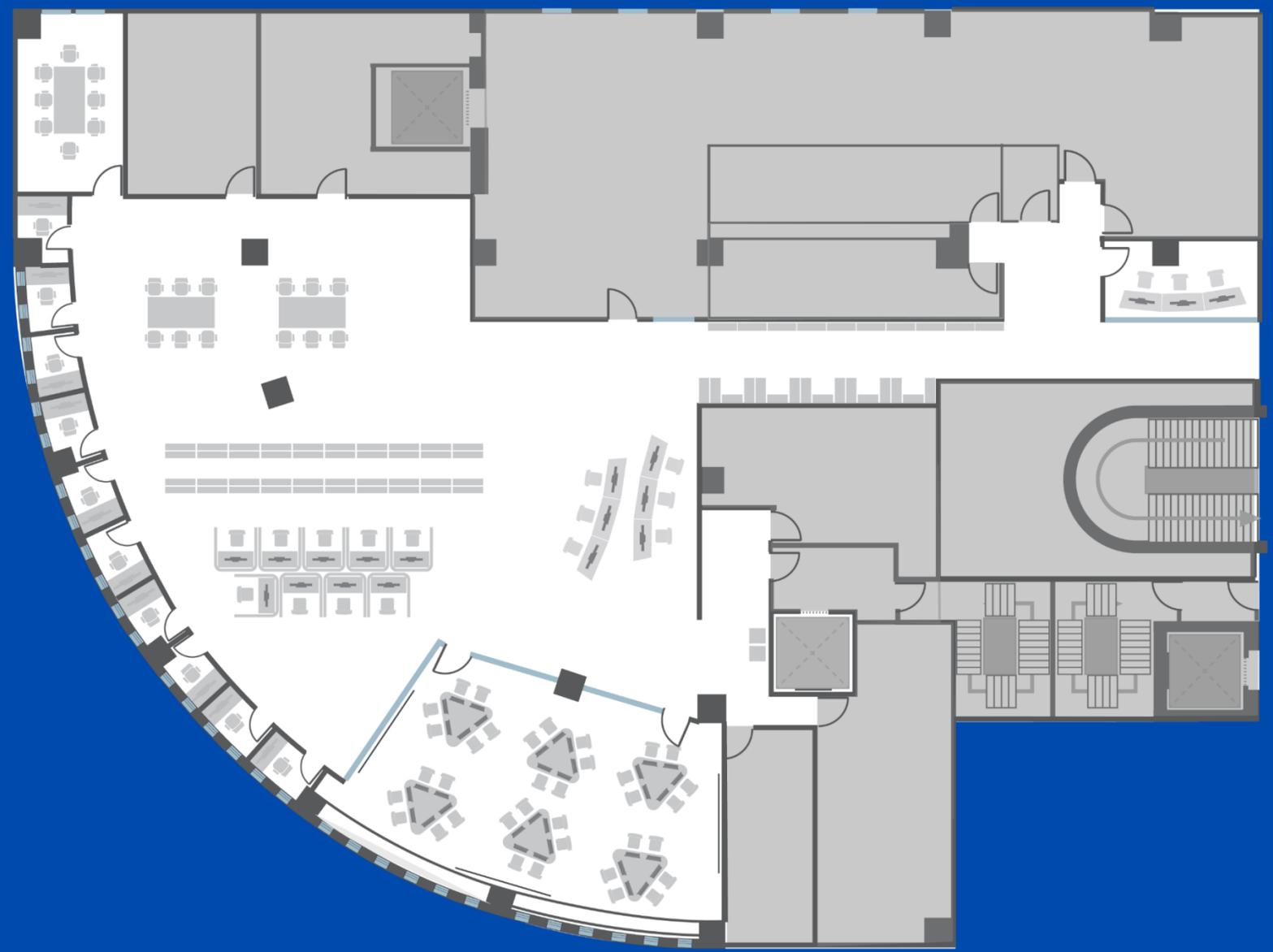


Space as Strategy



# CollabTech Commons

Phase 1



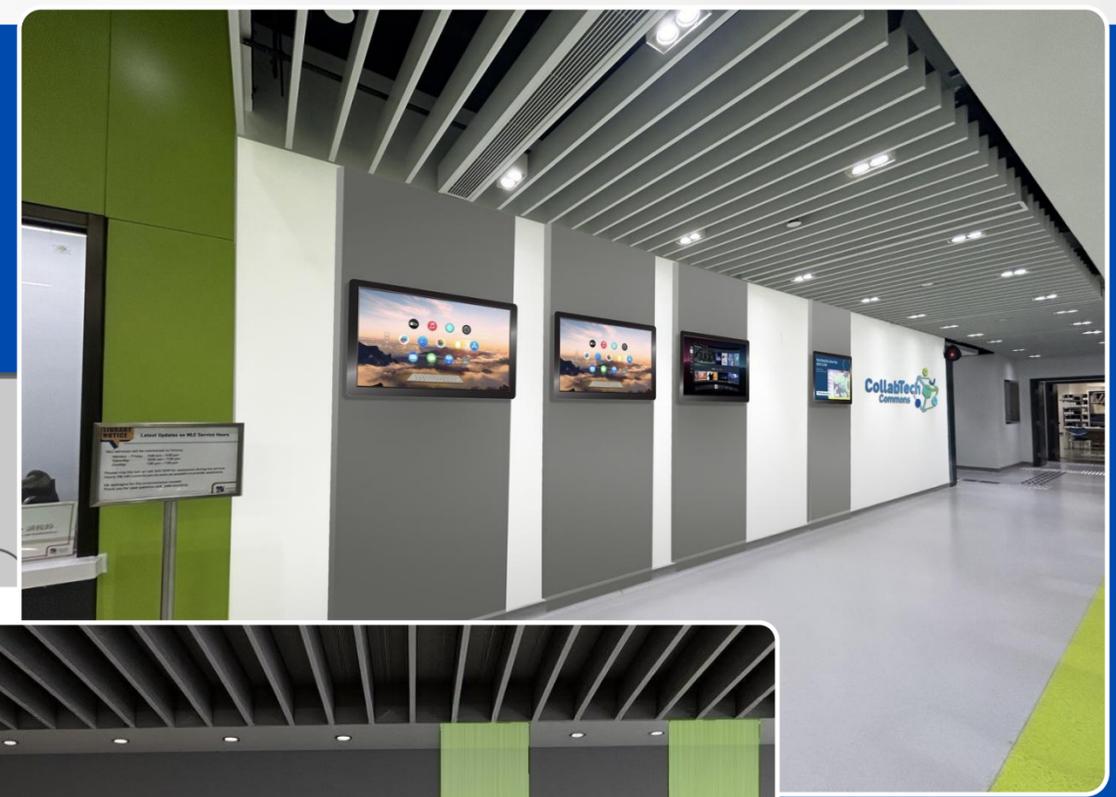
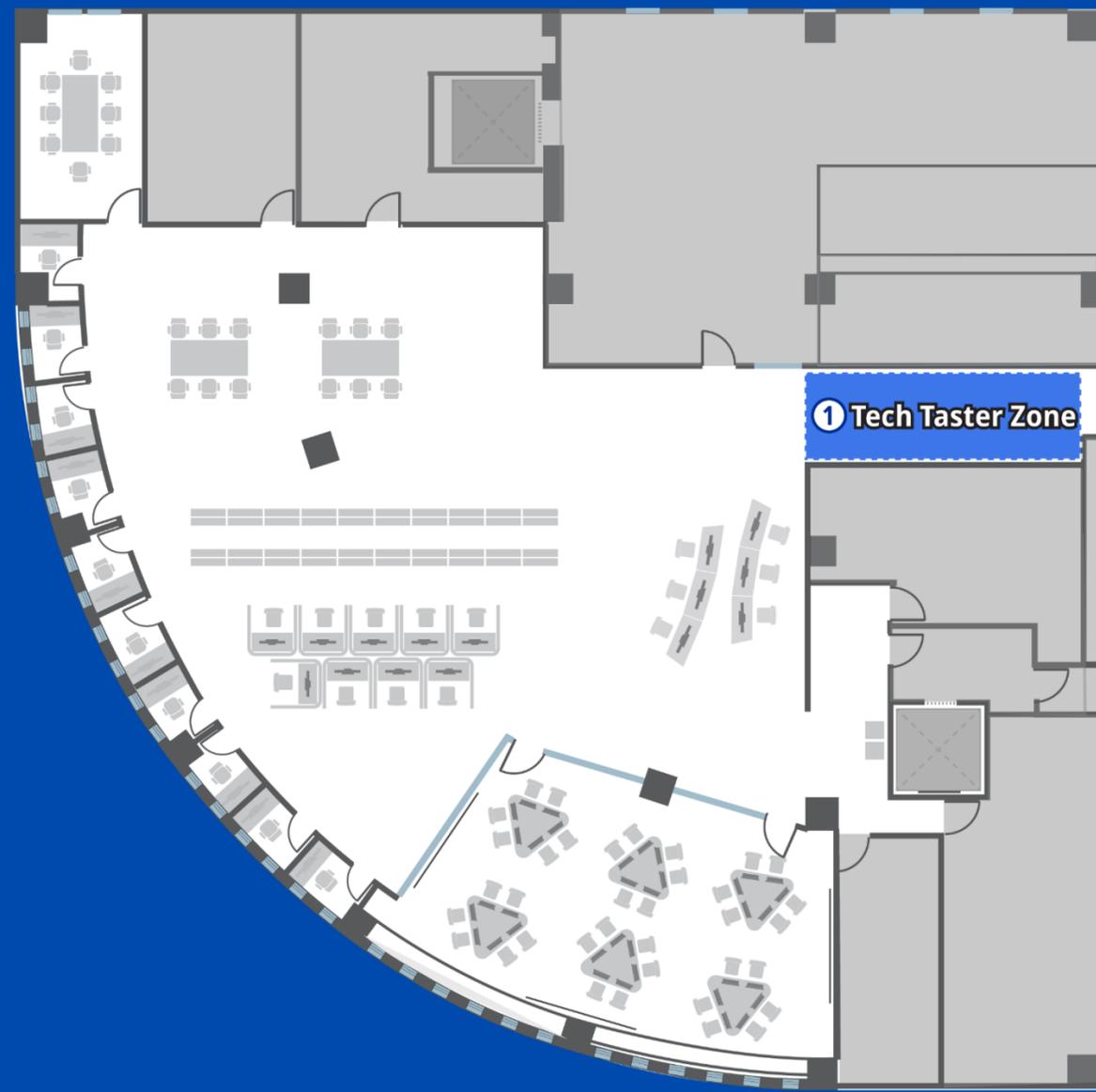


# Tech Taster Zone

Providing convenient access to emerging technologies, lowering technical barriers to creative exploration

Tech Taster Workshops conducted regularly

Reservations not needed



- 3D Printers
- 3D Scanner
- VR Headset



# Prototyping Room

Prototyping facilities for integration into curricula and for individual projects.

- Training for teaching staff /technicians (train-the-trainer approach)
- Safety courses on Moodle

Only for eligible users

Reservations needed

Monitored by LIB staff / department trainers



- Laser engraver
- Large-format printer
- Large-format cutting plotter



# Space as Strategy



# Prototyping Room

Department of  
Interactive Media

Interactive Media  
Publishing

- 50+ students
- Directly incorporated into curriculum
- Training sessions + block the facility for course projects

Game Design  
Animation



- Laser engraver
- Large-format printer
- Large-format cutting plotter



# Tech Stations

High-performing PCs installed with diverse types of prototyping, 3D modelling, AI-enabled video creation software.

Software workshops conducted regularly

Reservations needed



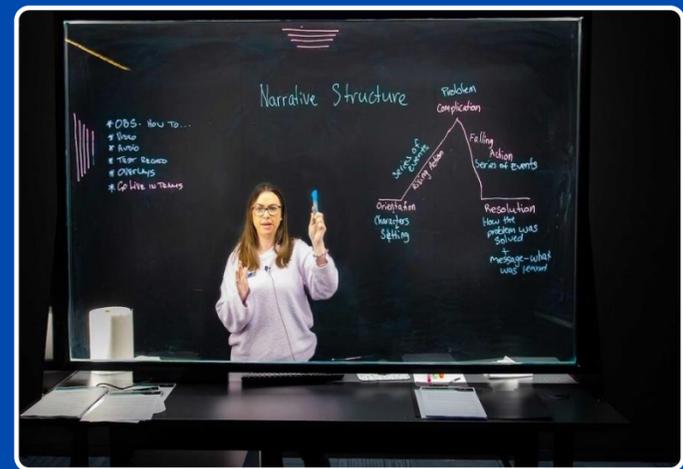
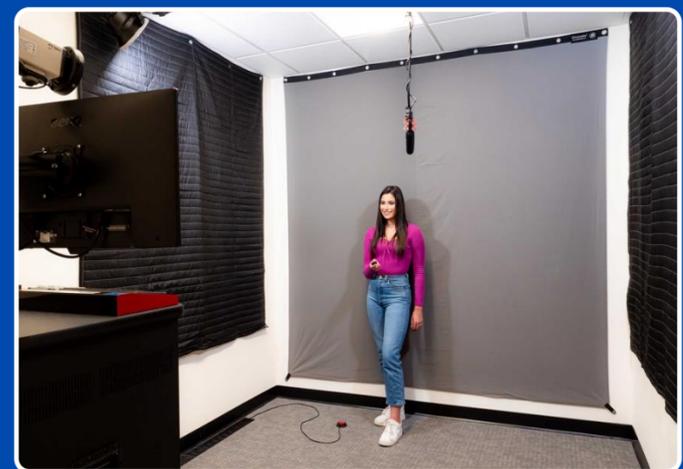


# Space as Strategy



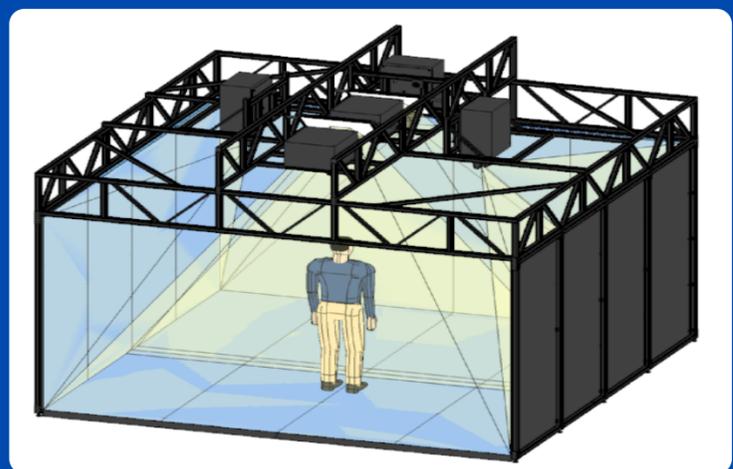
# CollabTech Commons

## OneStudio



## Phase 2 – Under planning

## Experimental Studio



## Enclosed Tech Stations



## Visualization Zone





# Culture & Visibility

Library makes transdisciplinary experiences visible  
and weaves into institutional culture





# Culture & Visibility



# TransLearn Bazaar

## Purpose

- Develop a **collaborative digital platform** showcasing student-created educational resources from HKBU's Division of Transdisciplinary Undergraduate Programmes.
- Bilingual platform for broader accessibility and facilitate in-person demonstrations of teaching materials at primary and secondary schools.

**Trans Learn Bazaar**

Initiated by the Division of Transdisciplinary Undergraduate Programmes (DTUP) at Hong Kong Baptist University, TransLearn Bazaar is a platform for collaboration and sharing of educational resources. Here, you will discover various teaching tools created by our students that promote sustainable living.

**Routing the Green Way** →

**Gallery of Shaping the Future** Coming Soon

**“Create and Share” Low-Carbon Living Educational Resource Platform**

- Global Challenges: Student-Created Resources →
- Citizen Science: Community-Created Resources Coming Soon

<https://digital.lib.hkbu.edu.hk/translearn-bazaar>

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HONG KONG BAPTIST UNIVERSITY  
DIVISION OF TRANSDISCIPLINARY UNDERGRADUATE PROGRAMMES

HKBU



# Culture & Visibility

# TransLearn Bazaar

## Current Collections

- Develop Two project types featured from 2023–2024 academic year:
  - 11 creative works in "Global Challenges: Student-Created Resources"
  - 21 guided tours in "Routing the Green Way"
  - Expanding collections with new projects added regularly

The screenshot displays the TransLearn Bazaar website interface. At the top left is the 'TransLearn Bazaar' logo. The main content area features a project titled 'Sea Life See Live' (2024) by YUNG, Wing Man Angel, CHENG, Ching Ching Jessica, CHUNG, Man Wai Eva, JI, Chuen Yuen Winnie, and YANG, Ho Man Yama. It is categorized under 'Physical Games' and 'Board Game' and is associated with the SDG 'Life Below Water'. A call-to-action button 'Add to Request' is visible. Below this is a photograph of a board game with a grid of environmental icons and a small inset image of the game board. A text box explains the game's theme: 'Ever wonder where discarded plastic bottles end up? Daily plastic waste pollutes our marine life, and disrupt ecosystems. The student-designed board game confronts ocean crises square by square, master conservation strategies, and an immersive experience reveals how seemingly trivial choices impact planetary health.'

Below the 'Sea Life See Live' project is another project titled 'Routing the Green Way'. It features a map of Hong Kong with various locations marked. The text describes it as a guided tour designed by interdisciplinary students of Hong Kong Baptist University, introducing eco-friendly shops, restaurants, historic buildings and parks in the 18 districts. The guided tour integrates sustainability with local culture, providing practical advice for green living, helping the public explore Hong Kong's diverse cultural heritage and environmental protection projects. This section showcases guided pamphlets created by transdisciplinary students from Hong Kong Baptist University, featuring eco-friendly shops, restaurants, historic buildings, and parks in Hong Kong's 18 districts. These tours blend sustainable practices with local culture, offering practical advice for green living and helping readers discover Hong Kong's rich cultural heritage and environmental initiatives.

At the bottom of the screenshot, there is a grid of 21 project thumbnails, each with a title and a brief description. The thumbnails include: 'YAU TSIM MONG DISTRICT Sustainable Tour', 'Carbon Zero Gallery: Kowloon's Sustainable Algorithm', 'Green Dimension: Kowloon City's Regenerative Algorithm', 'Circular Weave: Tsuen Wan's Green Key', 'Eco-Chic Circuit: Central's Zero-Waste Code', 'Day in Kowloon City 九龍城一日遊', 'Green Exploration: Tsuen Wan Eco-Guide', 'Sustainable Sham Shui Po: A Blueprint for Green Urban Living', 'Eco-Hybrid: Kowloon's Circular Synergy', 'Eco-Fabric: Tsuen Wan's Sustainable Blueprint', 'Eco-ReCode: Sham Shui Po's Upcycling Map', and 'Heritage Greenprint: Central & Western Eco-Civic Routes'. Each thumbnail includes a 'Visual Media' link and a set of SDG icons.



# Culture & Visibility

# TransLearn Bazaar



Project Launch and Year 1 Transdisciplinary Global Challenges Student Showcase held 11 Nov 2025



Q&A

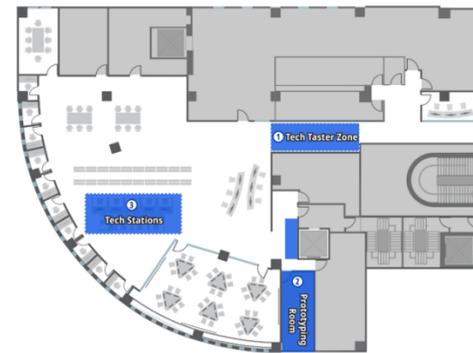


# Collaborative Support for Transdisciplinary Education

# Thank you!



## Knowledge Partnerships



## Space as Strategy



## Culture & Visibility