



TWGHs Kap Yan Directors' College

東華三院甲寅年總理中學

Equipping Students for the Future through Continuous Review and

Enhancement of the Curriculum

持續檢視及優化課程.裝備學生迎向未來

F.4 - 5 Social Entrepreneurship Program (Since 2022 - 2023)

Principal Yau Chun Yin Ranny 邱春燕校長

Vice Principal Hung Lai Fan 孔麗芬副校長

Ms. Lam Yan Yan 林欣欣老師

Mr. Chan Chung Ming 陳頌銘老師

Mr. Yeung Wai Leung 楊偉樑老師

School Background

School Context

- TWGHs Kap Yan Directors' College is a **subsidized, co-educational** secondary school located in **Sheung Shui**, New Territories.
- The school was established in **1982** and is operated by the **Tung Wah Group of Hospitals**
- The school emphasizes **whole-person development**, focusing on **academic excellence** as well as the development of **students' moral, intellectual, physical, social, and aesthetic abilities**.

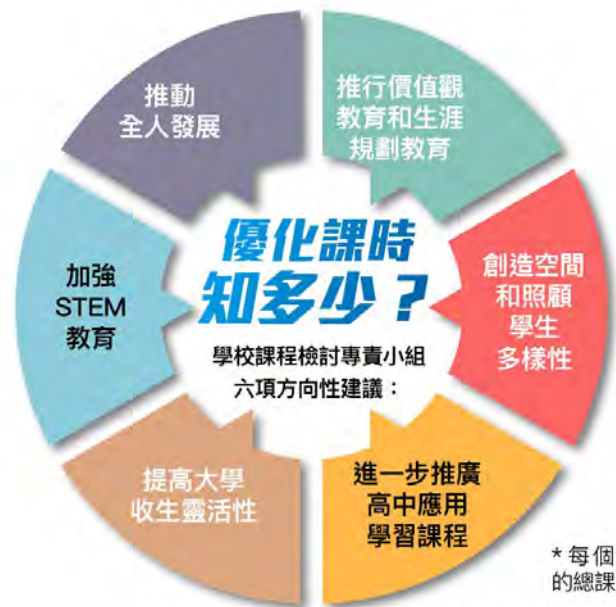
Students' characteristics

- Many students come from **families with limited financial resources**
- Students are **hardworking** and **dedicated to their studies**, but the school also encourages students to participate in **extracurricular activities** and **community service**.



Program Background

- Optimizing the Four Senior Secondary Core Subjects
- Before ENT- Provide Common Lessons for Core Subjects
- After ENT- Provide ENT Lessons for S4 & S5 students
- Pandemic - Life wide Learning Grant
- Experiences of School Management Team
- With support from SEnSE 社創校園Program and FSES



Build an Effective and supportive Team.....



Prior experience in r
elated areas



Subject knowledge
and teaching
abilities related to
the program
content



Good at
collaborating with
colleagues



Willing to try new
things and accept
challenges

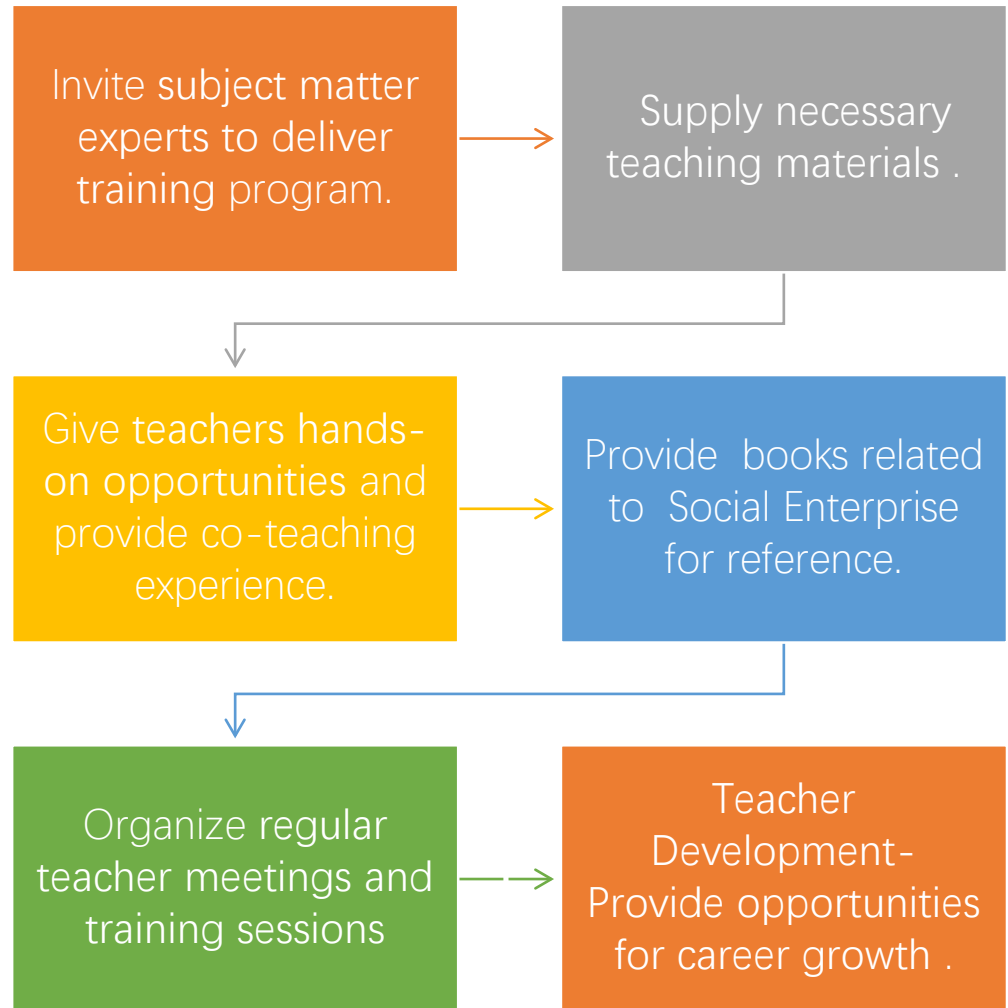


Willingness to take
on more
responsibilities and
challenges



Motivation for
continuous learning
and growth

Teacher Training



ENT Program Features

Features:

Cross-Subjects

Joint School

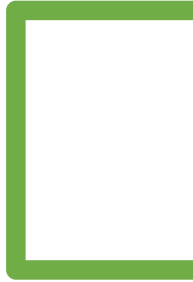
Integrated into
the formal
curriculum

Experiential
Learning

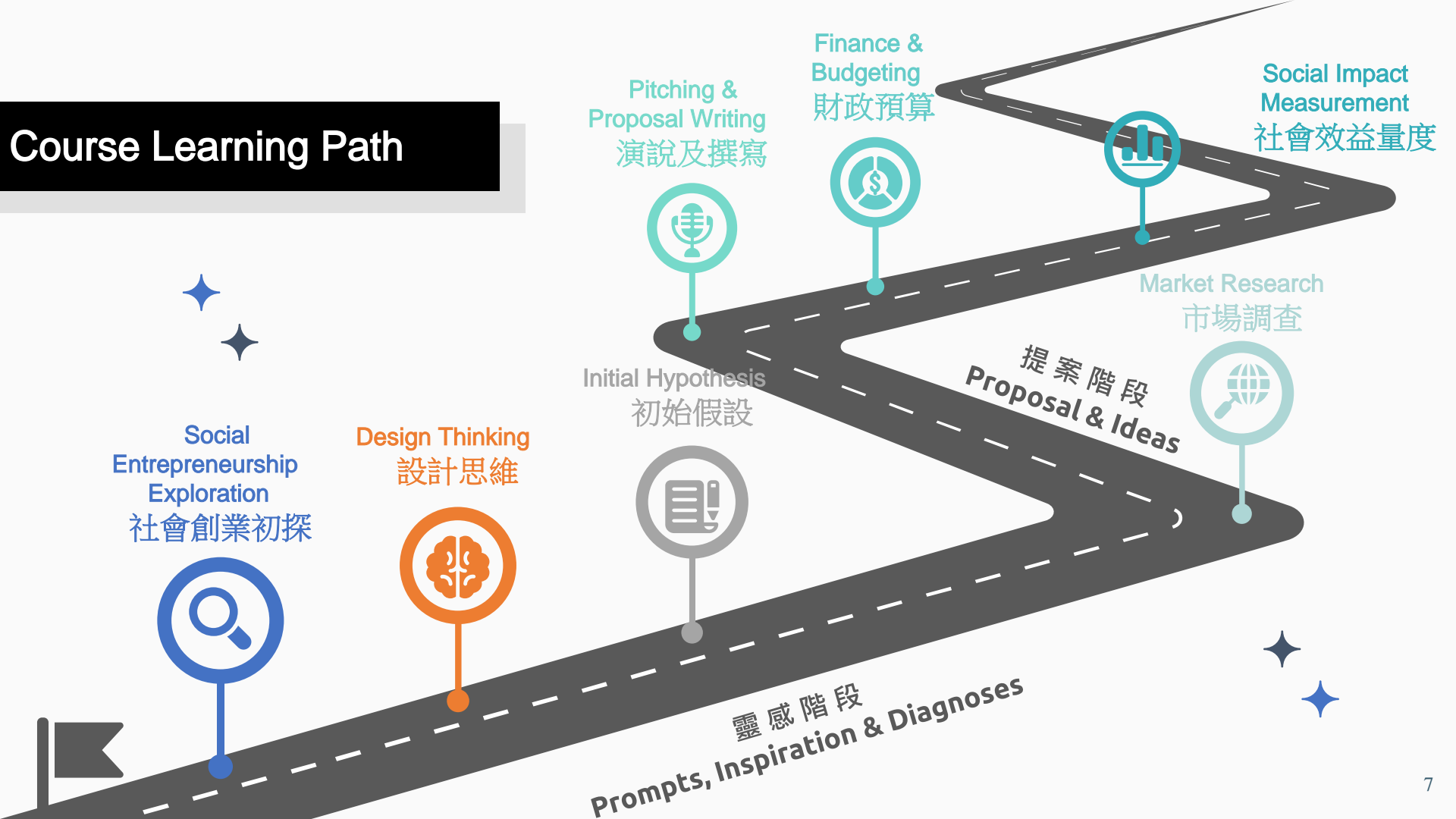
Leadership
Training

Hands-on ENT
practice

School-Community-
Social Enterprise
Partnerships

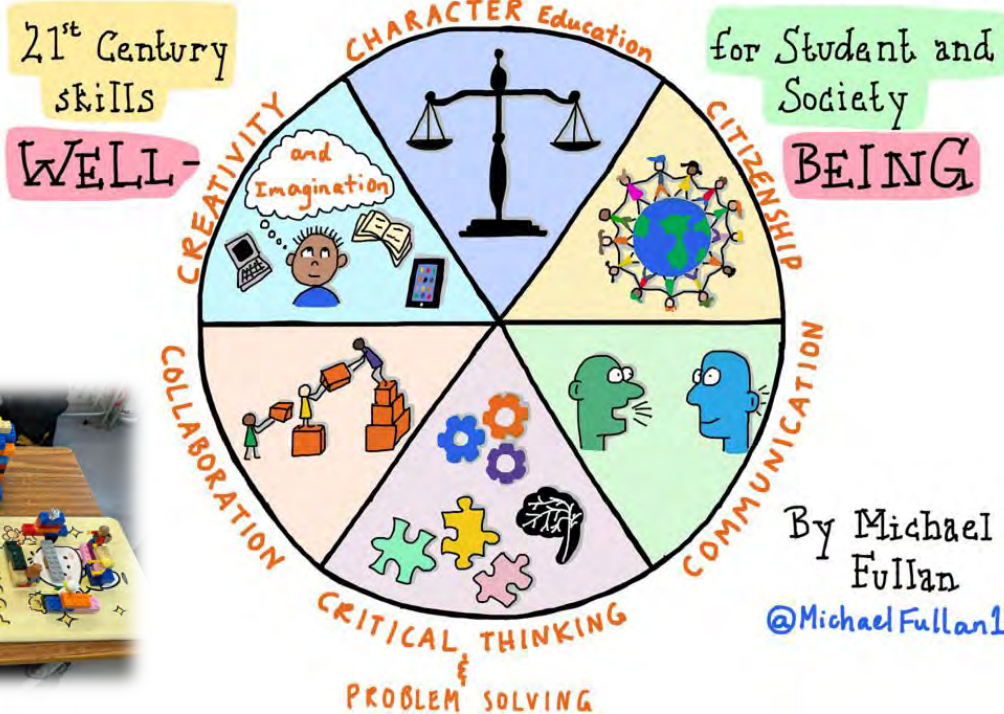


Course Learning Path



Learning Objective - Empower Students for the Future 21st Century Skills

THE 6 C'S of Education



By Michael Fullan
@MichaelFullan1



Learning Objective - V.A.S.K

Secondary 4-Community Focus

Value

- Resource conservation and waste reduction
- Community cohesion and inclusion
- Caring for the underprivileged

Attitude

- Proactive community engagement
- Empathy towards residents' needs

Skill

- Community needs assessment
- Creative problem-solving

Knowledge

- Understanding community characteristics and challenges
- Mastering community collaboration

Secondary 5- Social Entrepreneurship Focus

Value

- Sustainable development
- Positive social impact

Attitude

- Innovative and adventurous mindset
- Enhancing social impact and sustainability

Skill

- Assessing social impact
- Designing business models and financial planning

Knowledge

- Understanding social enterprises
- Mastering social innovation



Curriculum for F.4 Students

《我想和__在北區好好的__》

(Community Focus)

Market Research I

Innovation & Community Inclusion

Social Impact Measurement

Introducing North District

Participatory budgeting

North District Exploration

Outing

SE Workshop

Showcase Preparation

Curriculum for F.5 Students (Social Entrepreneurship Focus)



Budgeting

Data Analysis

Market Research

Social Entrepreneurship Exploration

Storytelling

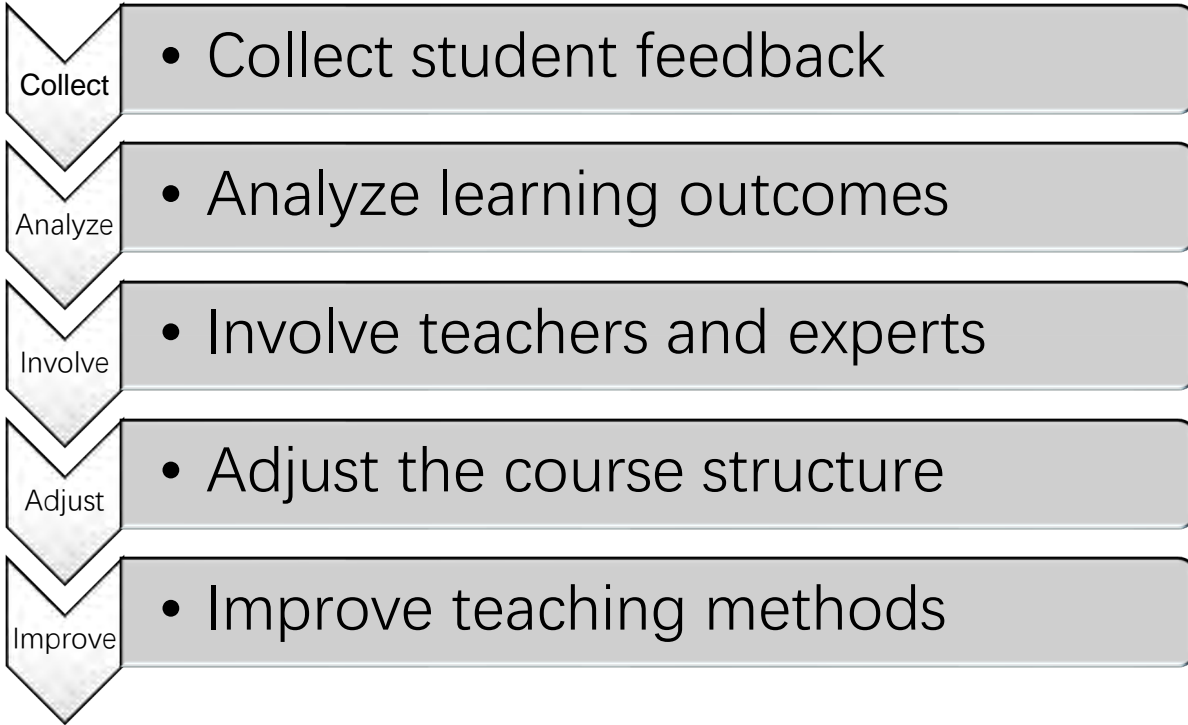
Human Library

Social Impact Measurement

WHO? WHY? Brainstorm Ideas

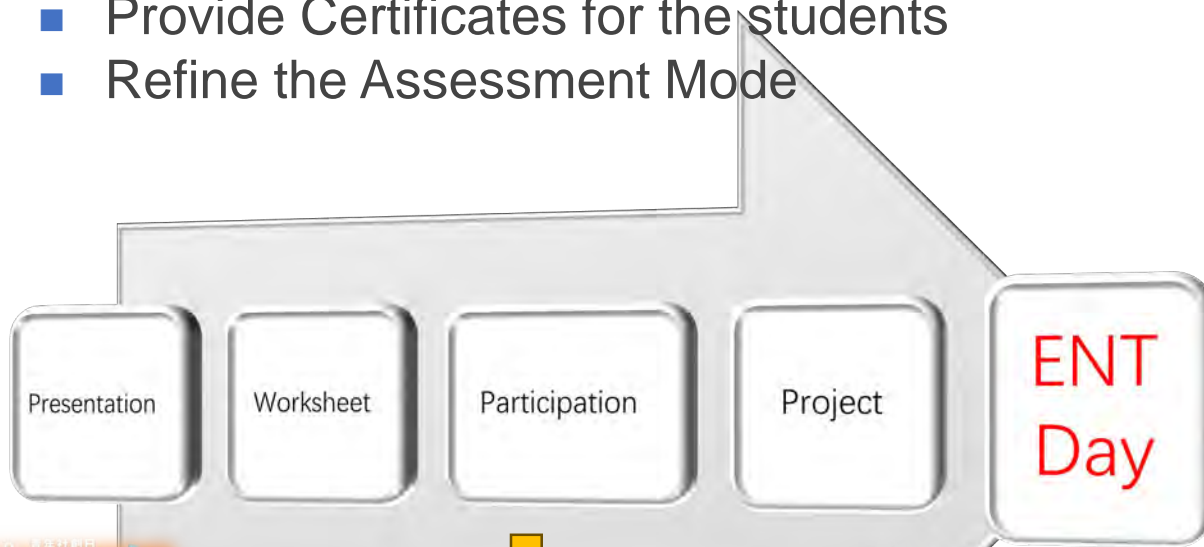
Social Entrepreneurship Workshop

How to optimize the curriculum content for the next stage



Modification of the Program

- Provide Certificates for the students
- Refine the Assessment Mode



Attitude,
Collaboration,
Q&A,
Discussion etc.



Report Card

Grade A
Grade B
Grade C
Grade D
Grade E

Modification of the Program

- Timetable Arrangement
- Add Collaborative Lessons
- Restructure the Form 4 curriculum
- Provide Elective Subjects for Form 5 students

ENT 1	ENT 2	ENT 3	ENT 4
Multi Culture	Entrepreneurship	Heritage conservation	STEM

Multi Culture Program-Learning Objective

Ms. Hung Lai Fan



Promoting understanding of diverse cultures and religions of minority races and Chinese culture



Integrating knowledge of Islamic civilization from textbooks with real-life situations



Facilitating cultural exchange and equip cultural knowledge

Cultural Mosaic Leadership Training and Multicultural Experience

Date: 5th December
2023

- Visit to the Wanchai Mosque
- Visit to the Wanchai Sikh Temple
- Visit to historical sites and facilities related to Tung Wah Group (Chinese Culture) guiding by students



Program Reflection:

Cross-Disciplinary
Cross-Form
Cross-School
Collaboration

Arabic calligraphy
workshop + Cultural
sharing



Elective subject : Heritage conservation

- Learning objective
 - Understanding the difficulty of heritage conservation in Hong Kong
 - Understanding the Objectives and Significance of Revitalizing Historical Buildings
 - Introducing a conservation proposal by using the concept of social entrepreneurship



Experience Activities

Mr Chan Chung Ming



Design thinking

50 (1), (2), (17), (13), (17), (12)

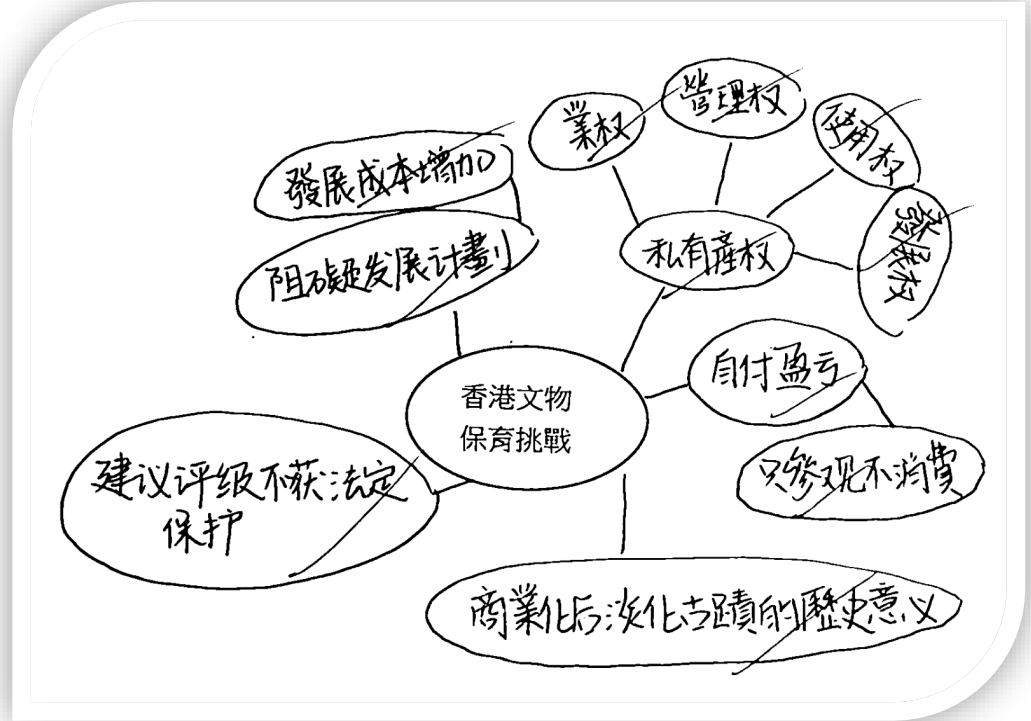
五問法工作紙

根據所選的問題或痛點，畫問原因，嘗試解答並反覆追問，從中找出問題的根本原因。

發掘到的問題/痛點:
- 非遺傳承困難

1. 為什麼非遺傳承如此困難? _____?
答: 因為無人傳承。
2. 為什麼沒人傳承? _____?
答: 因為沒人願意去學習某項技術。
3. 為什麼沒人願意學習? _____?
答: 因為大部份人對非遺技術不感興趣。
4. 為什麼大部份人不感興趣? _____?
答: 因為大部份人都會離開鄉土到城市工作，對自己的身份認同感不強。
5. 為什麼非遺能轉入學校課程? _____?
答: 因為非遺來源於一個地方的历史文化，能代表一個地方。

我發現上述問題/痛點的根本成因是:
- 是社會風氣，使大部份人重視生活質素。



Idea from students

英語



項目名稱：
南風知我意

組員：
5B01, 08, 17, 18
28, 29

用一句介紹項目：

針對群體/議題 WHO	失明人士	
選擇的原因 WHY	幫助失明人士, 歌詞反映社會現象!	
針對的地區/時間 WHERE/WHEN	香港 2023年	
項目目標 WHAT	提供的服務 WHAT	如何幫助針對群體/議題 HOW
<ul style="list-style-type: none"> - 幫助失明人士維持生計 - 讓市民了解社會現象 - 宣傳南音說唱 		
期望結果/效益	提升文化認同感	

項目名稱：深水埗環境保育

組員：
Cheung Pui Him,
Lau Ho Wang,
Carmen Laita,
Liu Chun Cho

用一句介紹項目：

針對群體/議題 WHO	旅客, 本地客	
選擇的原因 WHY	星島風格的餐廳和市集比較少見, 能吸引客人	
針對的地區/時間 WHERE/WHEN	深水埗, 在日(夜晚)	
項目目標 WHAT	提供的服務 WHAT	如何幫助針對群體/議題 HOW
<ul style="list-style-type: none"> - 振興經濟 - 讓客人新發現 - 骨豐馬路 	<ul style="list-style-type: none"> - 旅遊, 餐飲 	<ul style="list-style-type: none"> - 令食物得以保存 - 令做沽外賣
期望結果/效益 RESULTS	能令GDP上升, 另外 宣傳文物	

Proposal Writing

一、項目介紹

項目名稱 (中/英):

南風知我意

實施地點:

北区

主要受惠群體:

視障人士

次要受惠群體 (如有):

失业人士

項目簡介 (150字內):

为了解决视障人士就业困难的问题,我们决定将非物质文化遗产一南音,提供给视障人士学习,建立乐团,作品以边说,边唱,边演方式进行,其中包括琴箫,梆胡,二弦或秦胡等说表唱教,让视障人士外出演奏,提升文化认同感及社会归属感。项目初步计划将视障人士兴趣爱好分为乐器制作,演奏乐器歌。

二、項目背景

項目目標:

(項目如何應對社會問題?希望達到甚麼目的)

- 提升文化认同感
- 提升社会归属感
- 減輕視障人士就业壓力
- 保育和推广南音文化

社會問題分析:

(與受惠群體/社會問題相關的分析,如利用數據、報導、報告書、政策項目如何針對其需要;可參考不同政府文件/報告)

根據香港政府統計處2021年12月份出版的第六十三號報告書「殘疾人士及長期病患者」,本港共有199600位視障人士,佔总人口2.7%。

面对社会上各種疑慮,視障人士經常在職場「碰釘」,即便有大专學歷,就業仍困難重重。失明人協進會副會長何長樑表示,根據協會2018年的調查,視障人士失業率為18.9%,比一般市民高出6倍。現實中不少僱主對他們的工作能力存有疑問,甚至誤念失明人士不懂得使用智能電話。另一方面,一般僱主都誤以為聘請失明人士,工作環境就不可以有樓梯和電梯,需要特別改建公司設施配合。

Program Reflection

Cross-Disciplinary

Learning outside the
classroom

Technological
element

From STEM to Entrepreneurship

Mr Yeung Wai Leung
(STEM Coordinator in TWGHs Kap Yan Directors' College)

Development of STEM education through the TREE model



Green technology education



Aviation, drone and robotics education

Scientific research competition

Interdisciplinary project study

Innovation and technology competition



Artificial intelligence education

Science popularization education

Hands-on project creation

ENT Programme (F4-F5)

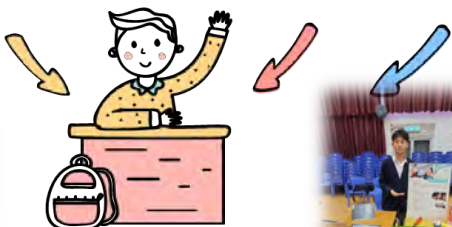
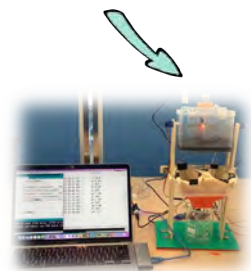


T 科技素養 (Technology literacy)

R 科研創造 (Research & development)

E 體驗學習 (Experiential learning)

E 創業精神 (Entrepreneurial spirit)



21世紀創新科技人才

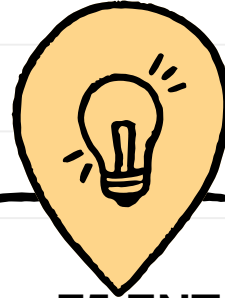


ENT (STEM Focused)



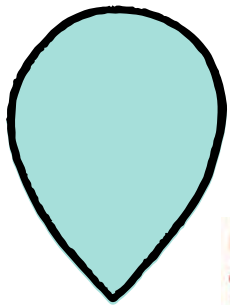
F4 ENT curriculum

- Focused on using STEM skills to solve community issues (Small-scale local construction projects)
- One-page Poster
- Construction Model
- Presentation



F5 ENT curriculum

- to establish 'Tech for Good' social enterprises in science and technology.
- One-page Poster
- Pitching
- Booth setting



Small-scale local construction projects

Learning journey (Wet market non-slippery flooring design)



(1) Setting the topic



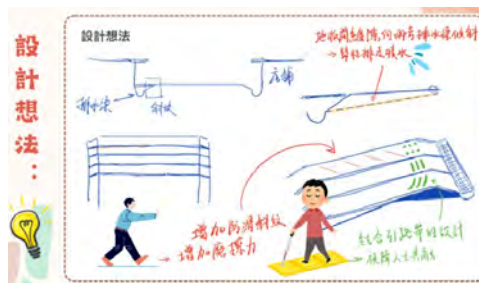
(2) Site visiting



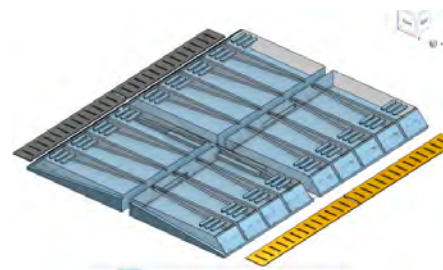
(3) Identifying pain points



(4) Experiential workshop



(5) Ideation



(6) Computer-aided design

F4 ENT

Small-scale local construction projects



7) 3d printing



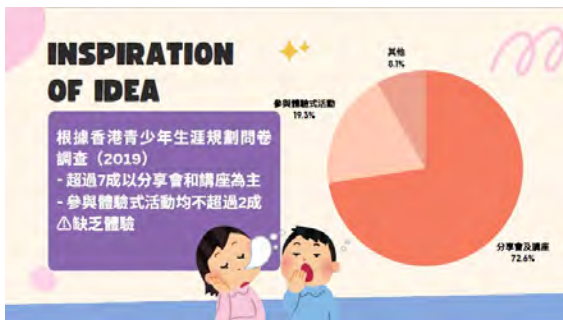
8) Presentation



9) Construction model
(To be completed)

'Tech for Good' social enterprises

Student Project Example (VR Talent Explorer)



(1) Identifying pain points



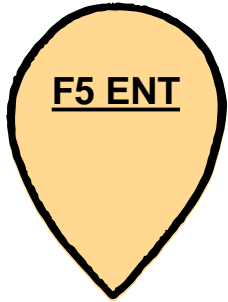
(2) Market research



(3) Technology background



(4) Address pain points



'Tech for Good' social enterprises

Student Project Example (VR Talent Explorer)



(5) Prototype showcase



(6) Potential Partnership

Business

Why we choose B2B

合作夥伴：

1. 學校
 - 全港約有400間中學
 - 一次收費\$15,000
 - 一年為學校提供兩次生涯規劃工作坊
 - 可同時為兩個級別的學生提供服務
2. 社工
 - 全港約有2萬8千名社工
 - 可舉辦活動給予青少年參加

Why X B2C

- 用家需要獨立購買
- 購買慾望↓↓↓

3. NGO

e.g. 香港青年協會、香港青少年服務處

- 合辦活動

(7) Business Model

RUNNING OUR BUSINESS

收入: $400 \times y\% \times 15,000 \times 2$
 $y\%$ = 目標中學%

預期：

- 第一年：5%
- 第二年：8%
- 第三年：10%
- 第四年：12%

根據預期：第四年有利潤
 好於預期(+2%)：第三年有利潤
 差於預期(-2%)：第五年有利潤

申請創科生活基金作為初始資金
 · 不與金錢限制進行研究開發
 · 避免虧損

***預計第三年達到收支平衡**

	1st year	2nd year	3rd year	4th year
損益表				
營收	\$600,000	\$960,000	\$1,200,000	\$1,440,000
固定開支 · 工資、保險、租金等	\$600,000	\$600,000	\$600,000	\$600,000
變動成本 · 研究開發、合作等	\$800,000	\$700,000	\$600,000	\$600,000
總成本	\$1,400,000	\$1,300,000	\$1,200,000	\$1,200,000
利潤	\$-(800,000)	\$-(340,000)	\$0	\$240,000

(8) Budgeting

'Tech for Good' social enterprises Student Project Example (VR Talent Explorer)



(9) Social impact measurement



(10) End with a sound-bite

Elective Subject – Entrepreneurship

Ms. Lam Yan Yan

Design a social enterprise project with product sales as the core business and create a product business plan and product prototype.

- Company Vision and Mission
- Budgeting



Social Enterprise Visit

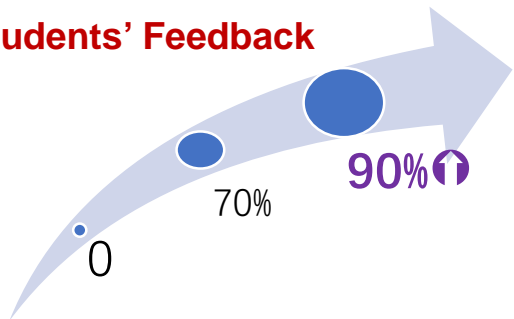
- Exposure to Innovative Business Models
- Inspiration for Social Responsibility
- Networking Opportunities

Other Learning Perspectives

- Social Entrepreneur Workshops
- Human Library
- Service Learning
- Start-up Café
- Extended Activity-
 - **Visit to Social Enterprise Summit**
 - Happy Hong Kong. Gourmet Marketplace
- ENT Day-Achievement Showcase

Review and Way Forward

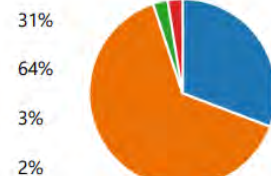
Students' Feedback



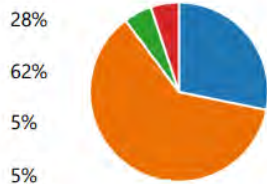
能提高我的創意



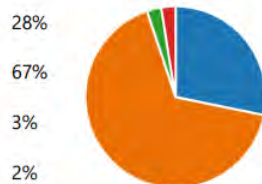
能提高我的解難能力



能提高我對社會問題的關注



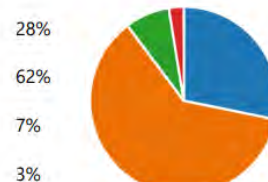
課程能增加我對社區共融的認識



能增加我對社會弱勢群體的關愛及同理心



能增加我對社會效益量度的認識



1	多啲outing
17	減少presentation
38	做ppt有點過於頻繁

Implement ENT program in Whole School approach

Café ECA

Junior Forms

- STEM E e.g. 中三級：自熱飯盒的小型初創企業
- Life & Society

- Incorporate simple ENT activities like projects and community service.
- Guide students to observe social problems in relevant subjects

Senior Forms

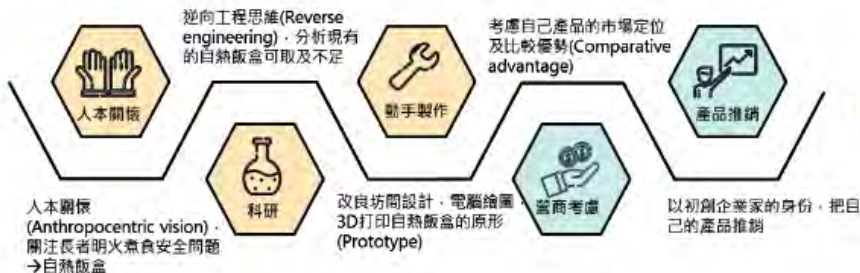
- STEM
- CSD
- THS
- Economics
- History
- BAFS
- Chinese...

- Offer formal ENT courses to teach theories, methods, and skills.
- Integrate ENT with other subjects and departments to leverage synergies.



長者使用火水爐煮食產生危險

培養有人本關懷的初創企業家



學生為長者設計合乎安全的自熱飯盒取代火水爐

- Timetable Arrangement
- Restructure the Form 4 curriculum
- Streamline the Form 5 curriculum
- Modes of Learning and Teaching
- Theme based

