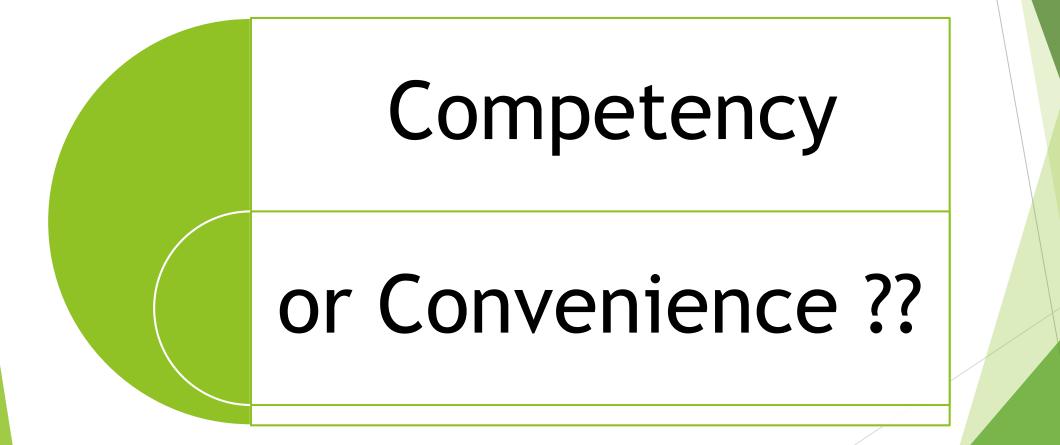
The role of a

STEAM Coordinator

How to select the Right person to be the STEAM Co ?

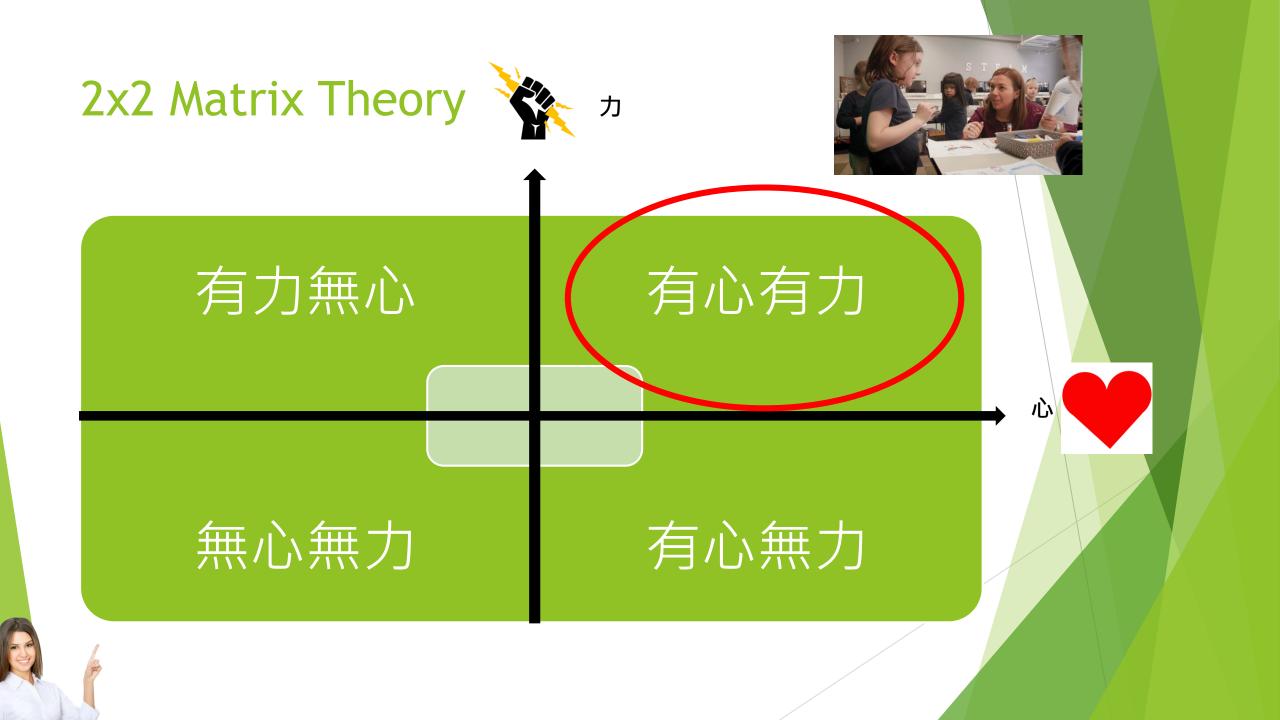


How to select the Right person to be the STEAM Co?



STEAM FOR FAD (流行/熱潮)

Student	 For FUN 趣味化 For ALL 普及化 For DIVERSITY 多元化 		
Teacher (STEAM Coordinator)	 FUN 趣味化 ALL 普及化 DIVERSITY 多元化 		



Mission of the STEAM Coordinator

Assist the School in setting up the directions and emphasis (制定相關策略) for promoting STEAM education

Review the effectiveness of promoting STEAM education

Provide authentic environment for students to learn Attitude, Knowledge, Skills and Values (VASK)

Develop students' confidence to solve daily situations/problems

2) Developing innovative learning and teaching methods, materials, curricula, and activities to meet the needs of students:

• Incorporate hands-on activities, projects,

• Provide various AI-related activities, workshops, and projects that allow students to gain practical experience with artificial intelligence technologies.

and real-world applications.

3) Providing an authentic environment for children to learn STEAM Attitude, knowledge, Skills and Values

Create the environment that encourages students to explore and experiment with STEAM concepts

- Foster their problem-solving skills and
- Promote their growth mindset

4) The Coordinator <u>SHOULD</u> arrange/coordinate the STEAM professional development(創新科技的專業培訓)

Actively seek out professional development opportunities for STEAM teachers, such as attending STEAM trainings/events organized by the Education Bureau (EDB), Universities, and I.T. Institutions / professional bodies.

Encourage teachers to share best practices and collaborate through seminars, workshops, and activities within school

5) Leading the "STEAM team" in <u>designing</u> and implementing the curriculum:

Take the leadership role in developing the STEAM curriculum

Ensure the alignment with educational standards and promote feasible and innovative teaching practices.

6) Leading and assisting "Colleagues" in operating STEAM-based activities:

 Support and guide teachers in planning and Implementing STEAM activities: Aldriven events, drones dance, AI chess competitions, and 3-D printing competitions, international food festival with STEAM elements 7) Coordinating and collaborating with different subjects: to facilitates cross-subjects / departmental collaboration in school(跨科組協作)

Work closely with teachers from various subjects to integrate STEAM resources and concepts into their respective curricula

Promote cross-curricular connections and interdisciplinary learning.

8) Collaborating with teachers from other disciplines for the activities outside classrooms:

The Coordinator Plans STEAM education within and beyond the *classroom(*跨 科組協作)

- Works with teachers from different disciplines to organize school-wide activities like "Assemblies, STEAM weeks, inter-class STEAM competitions"
- Join inter-school competitions to promote interdisciplinary learning and collaboration.

9) Liaising with others STEAM coordinators:

establishes connections and

maintains communication with STEAM coordinators from other schools or educational institutions to share ideas, resources

collaborate on joint initiatives.

10) Manage/consolidate STEAM education resources in schools (教育資源)

Identify and Utilize available resources:

- School Funds, Donations, IMC, Sponsoring Body
- Grants and funding : EOEBG, Composite IT grant (CITG), Life-wide Learning grant (LWLG), Diversity Learning grants (DLG), or Learning Support Grant(LSG)

11) Seeking for external resources

 Actively looking for external resources and submitting applications: such as grants from the Quality Education Fund (QEF), Science Museum and tertiary education sectors 12) Arrange students to participate in STEAM activities and join inter-school/international competitions:

Develops the Talent Pools (// J a) of students and fosters their excellence

Encourages students to Participate in prestigious competitions like the Intel International Science and Engineering Fair

Providing guidance and support throughout the competition process.

13) Keep updated information and disseminate it to colleagues:

keep the latest developments in STEAM education, AI technologies and related fields
Share relevant information, updates, and resources with teachers

