# SEMINAR ON INTEGRATION OF STEM ACTIVITIES AND SUBJECT TEACHING (NEW)

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| • How STEM activities are integrated into the content of subject teaching| Dr Tim K. T. WOO  
Associate Professor, Engineering Education  
Department of Electronic and Computer Engineering  
HKUST |
| • Sharing teaching experience of applying STEM education elements in computer literacy lessons | Mr. WONG Tung-shek  
Heung To Secondary School (Tseung Kwan O) |
| **Part 2**                                                              |                                                                            |
| Introduction to “Integration of STEM Activities and Subject Teaching” Workshop (Pilot Scheme) | Guest Speaker and Curriculum Development Officer of Technology Education Section, EDB |
| Q & A Session                                                           |                                                                            |
SEMINAR ON INTEGRATION OF STEM ACTIVITIES AND SUBJECT TEACHING (NEW)

Handouts of the seminar can be accessed on EDB website:


Handout 1_Programme rundown
Handout 2_ppt slides (Dr Woo)
Handout 3_ppt slides (Wong Sir)
Handout 4_Introduction on Workshop (CDI020181471)
Handout 5_Lesson plan (電子琴製作)
PART 2

Introduction to “Integration of STEM Activities and Subject Teaching” Workshop (Pilot Scheme)
介紹「STEM活動與學科教學的融合」工作坊 (先導計劃)

Course ID: CDI020181471

Date: 15 January 2019

Time: 9:30 am – 16:45 pm (6 hours)

Venue: E419, 4/F, East Block, EDB Kowloon Tong Education Services Centre
WHY ORGANISE THE WORKSHOP?

- Intensive training programme for Principals/Vice-principals, STEM Coordinators, Heads of STEM-related KLAs, Panel Heads of STEM-related subjects
- After school STEM-related student activities/extra-curricular activities
- Promote STEM education through individual subjects
- STEM-related learning opportunities such as STEM Adventure day, STEM Week, STEM projects, STEM competitions, STEM lessons
- After school STEM-related student activities/extra-curricular activities
HOW TO MAKE STEM A PART OF YOUR EVERYDAY CLASSROOM?

Lessons be presented as a problem or questions?

Where ideas come from?

Shift in language and expectations?

Incorporate technology?

STEM? STEAM? Any limit?
DETAILS OF THE WORKSHOP
(PILOT SCHEME)

Nature: A train-the-trainer programme

Objective: co-construct STEM activities and lesson outline for your subject

Learning the steps from idea generation to implementation of lesson

Learning through evaluation of lesson plan exemplars

Teacher mentors for participants

Workshop is limited to 12 participants
YOU ARE INVITED TO JOIN …
COURSE ID: CDI020181471

Commitment, Flexibility, Growth mindset, Perspective taking