

Last updated: 5 February 2025



Day 1 Concurrent Workshops

Date: 17 March 2025

Time: 10.30am to 12.00pm

- [Explore the Key Applications of AI Tools for Education \(Part I\)](#)
- [Understanding and Supporting High Ability Learners in Regular Classrooms](#)
- [Film in the Classroom](#)
- [Connecting e21cc with CCE: Towards a Whole-School Approach to Values](#)
- [Introduction to Primary/Lower Secondary Science Demonstrations in Food Science Topics](#)
- [STEM Tasks with Chemistry Applications](#)
- [The Teacher as FaciliActor](#)

Workshop Details

>> Explore the Key Applications of AI Tools for Education (Part I)

Venue: TBC

Synopsis

(There are 2 parts to this course. Part 2 will take place in the afternoon.)

This course will share some insights of the AI tools that are relevant to the educators. Participants will learn practical tips and strategies to leverage AI as a value-added tool in their teaching and learning. There will be hands-on experience with AI tools so that participants can discover their potential in enhancing their lesson planning and development. The course will conclude with a discussion of ethical considerations when using AI in Education.

Instructor(s)

[A/P Quek Choon Lang Gwendoline](#) & [Ms Yap Chin-Fang](#)

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>> Understanding and Supporting High Ability Learners in Regular Classrooms

Venue: TBC

Synopsis

This course provides insights into the unique and diverse affective and educational needs of high ability learners. It will also examine the common challenges that HALs, their peers and teachers face in regular classrooms. It offers practical approaches for creating an inclusive and stimulating learning environment that nurtures the HAL's academic and personal growth.

Instructor(s)

[Dr Letchmi Devi](#)

>> Film in the Classroom

Venue: TBC

Synopsis

The shift to multiliteracies necessitates a fundamental revolution in our approach to language teaching. This workshop proposes that the short film be used as a valuable storytelling resource that offers pedagogical possibilities to introduce literary concepts and to develop communication, expression and interpretation within the time constraints of the classroom.

Instructor(s)

[Dr Dennis Yeo](#)

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>> Connecting e21cc with CCE: Towards a Whole-School Approach to Values

Venue: TBC

Synopsis

Join us for a thought-provoking workshop that dives into the connection between values and the E21CC framework, designed to empower schools in cultivating a holistic, values-centered whole-school environment. Discover four key principles that will help you seamlessly integrate values with E21CC in a whole-school approach.

Instructor(s)

[Ms Faith Yeo & Mr Ong Chin Leng](#)

>> Introduction to Primary/Lower Secondary Science Demonstrations in Food Science Topics

Venue: TBC

Synopsis

This course addresses science demonstrations in food-related topics and their pedagogy. The topics covered include Molecular Gastronomy topics, with hands-on activities using various food-grade materials to demonstrate key concepts for primary/secondary students. Participants will be given opportunities to discuss how to incorporate these demonstrations into their classrooms.

Instructor(s)

[Dr Johannah Soo](#)

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>> STEM Tasks with Chemistry Applications

Venue: TBC

Synopsis

This session will provide some hands-on chemistry experience. There will be discussions on how the activity can be used to design chemistry-focused STEM lessons.

Instructor(s)

[A/P Teo Tang Wee](#)

>> The Teacher as FaciliActor

Venue: TBC

Synopsis

The Teacher as FaciliActor: 21st Century educators must engage collaboratively and creatively with learners, through pedagogies that are dialogic and imaginative. The Teacher as FaciliActor introduces participants to some key skills of facilitating and acting, that enhance the capacity of teachers to be present and connect meaningfully. The workshop will focus on listening, responding and questioning, using drama-based processes such as role-play and storytelling.

Instructor(s)

[A/P Charlene Rajendran](#)