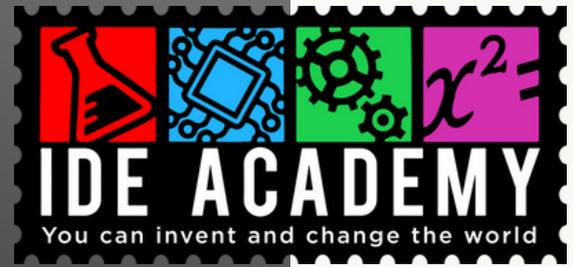


1-DAY STEMIE® PROFESSIONAL DEVELOPMENT COURSE

Empower Your Teaching.
Transform Your Learners.



INTRODUCTION



A hands-on, immersive training that equips educators and professionals with the STEMIE® 7-step invention framework. No engineering, coding or startup background needed.

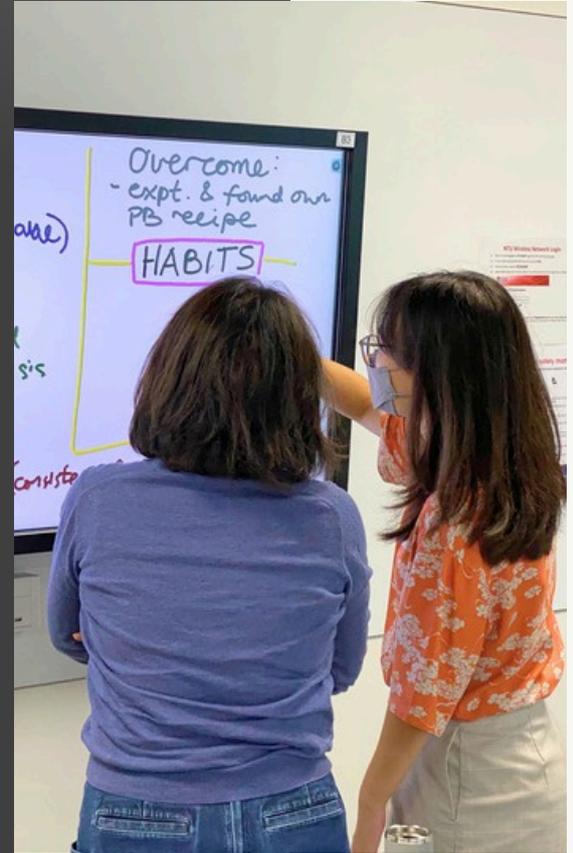
Learn how to guide students from problem solver → innovator → entrepreneur, using practical tools and simple STEM concepts.

COURSE OBJECTIVES

- Build strong problem-solving skills through STEM + invention.
- Apply the 7 steps of the STEMIE® invention process.
- Engage diverse learners using the localised STEMIE® curriculum.
- Develop entrepreneurial mindset & communication skills.
- Experience the full journey from inventor to entrepreneur.

WHO SHOULD ATTEND

- Educators across all subjects
- STEM & innovation coordinators
- Enrichment instructors
- Professionals curious about invention, innovation & marketing ideas



1-DAY COURSE OUTLINE



Why Teach Invention Education?

- Why invention matters for today's learners
- How invention strengthens real-world problem solving
- How STEM and invention connect to form deeper learning

STEM + Invention + Entrepreneurship

- Linking STEM fundamentals to innovation
- Encouraging curiosity-driven exploration

The STEMIE® 7-Step Framework

- You'll learn and apply all 7 stages:
- Identify → Understand → Ideate → Prototype → Test → Refine → Communicate
- Hands-on activities show how each stage can be taught to various ages and abilities.

Cultivating an Inventive Mindset

- The value of re-engineering in innovation
- Using SCAMPER for structured brainstorming
- Habits of an innovator: curiosity, persistence, creativity

COURSE INFO



TRAINER

Nancy Soon is a technopreneur and STEMIE® Train-the-Trainer instructor with over 21 years in education. As co-founder of IDE Academy, she has trained thousands of students and educators across Singapore and internationally. She is also the founder of non-profit organization STEMIE Advantages, which is part of the Temasek Shophouse Impact Collective.

Nancy specialises in invention education, entrepreneurship and communication skills, supporting schools and teachers in delivering impactful, innovation-focused programmes.

Date: 22 Jan 2026

Time: 9am - 5pm

Venue: Temasek Shophouse

28 Orchard Rd, Singapore 238832

Course fees: \$240



ideacademy.sg



+65 9888 9771



enquiry@ideacademy.sg

Register Here

