

STEM Pathway Programme 2025/ 2026

Road to Nationals



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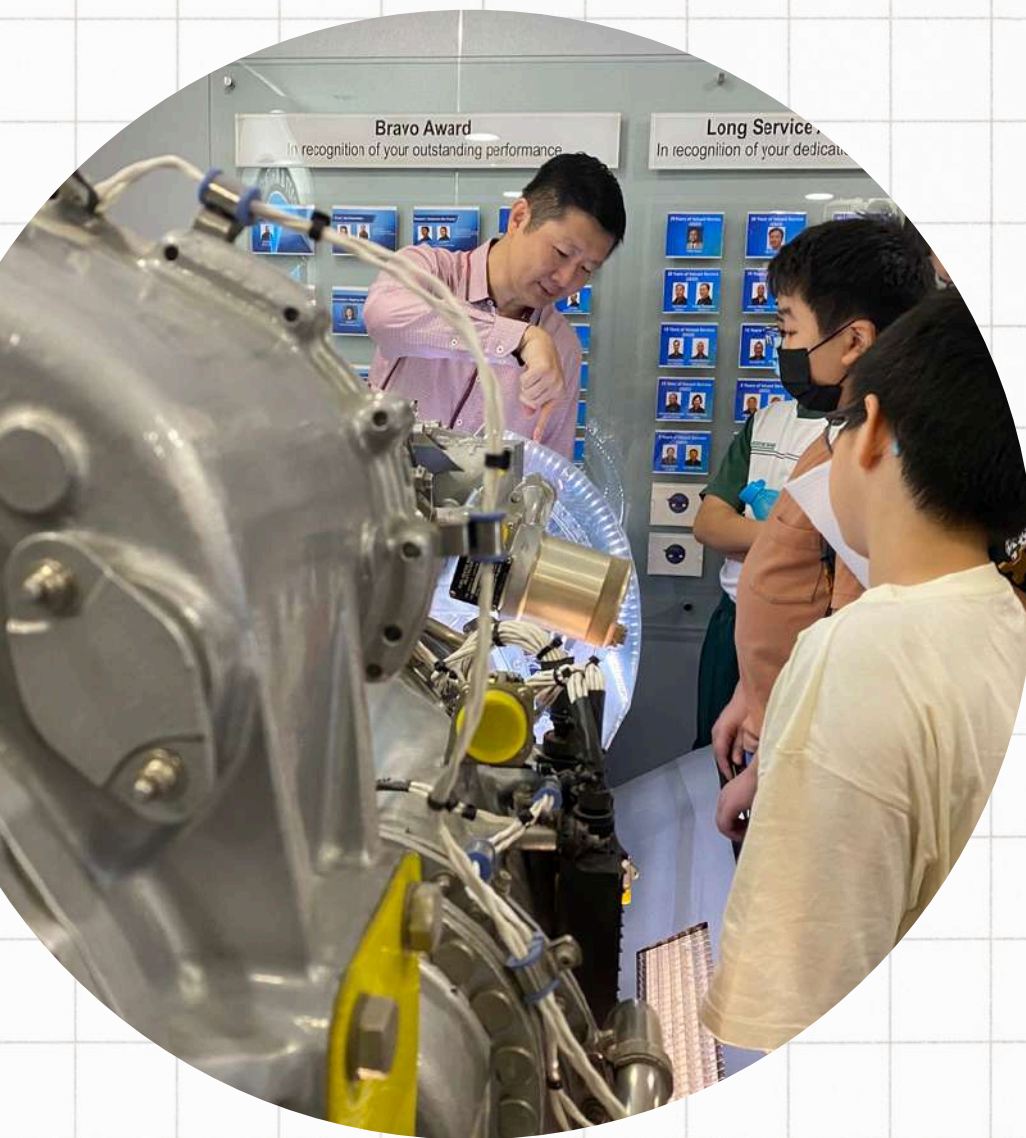


enquiry@ideacademy.sg

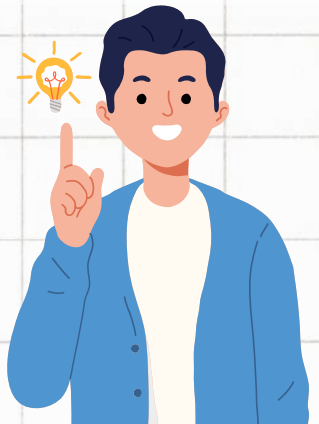


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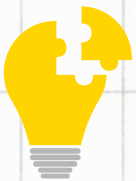




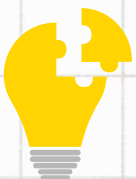
**Designed for
P3 - P5
students!**



Learning Outcomes



Students will be introduced to the concept of environmental sustainability and the process of inventing.



Students will identify environmental challenges and apply the 7-step design thinking framework to create green solutions for climate.



Students will learn and apply the brainstorming technique, SCAMPER, to generate inventive ideas.

Your Journey

Singapore Invention Convention

- Equip students to showcase their innovative solutions at the Pratt & Whitney Singapore Invention Convention
- Fosters a sense of accomplishment

Term 4

Term 3

Entrepreneurial Exploration

- Blend environmental innovation with entrepreneurship
- Learn to turn ideas into impactful venture

Create Innovative Solutions

- Develop problem-solving skills using SCAMPER
- Apply knowledge to address actual challenges

Term 2

Term 1

Environmental STEM Exploration

- Introduction of the STEMIE framework for identifying and researching environmental challenges
- Introduction to UNSDG Goals

Details

**Every Saturday, starting
on July 5: 11am - 12.30pm**

Fees: \$600 per term of 10 weeks
(free gift included!)

Registration Fee: \$20 (new
students only)

**Sign up
today!**

