

# STEM Pathway Programme 2025

Road to Nationals



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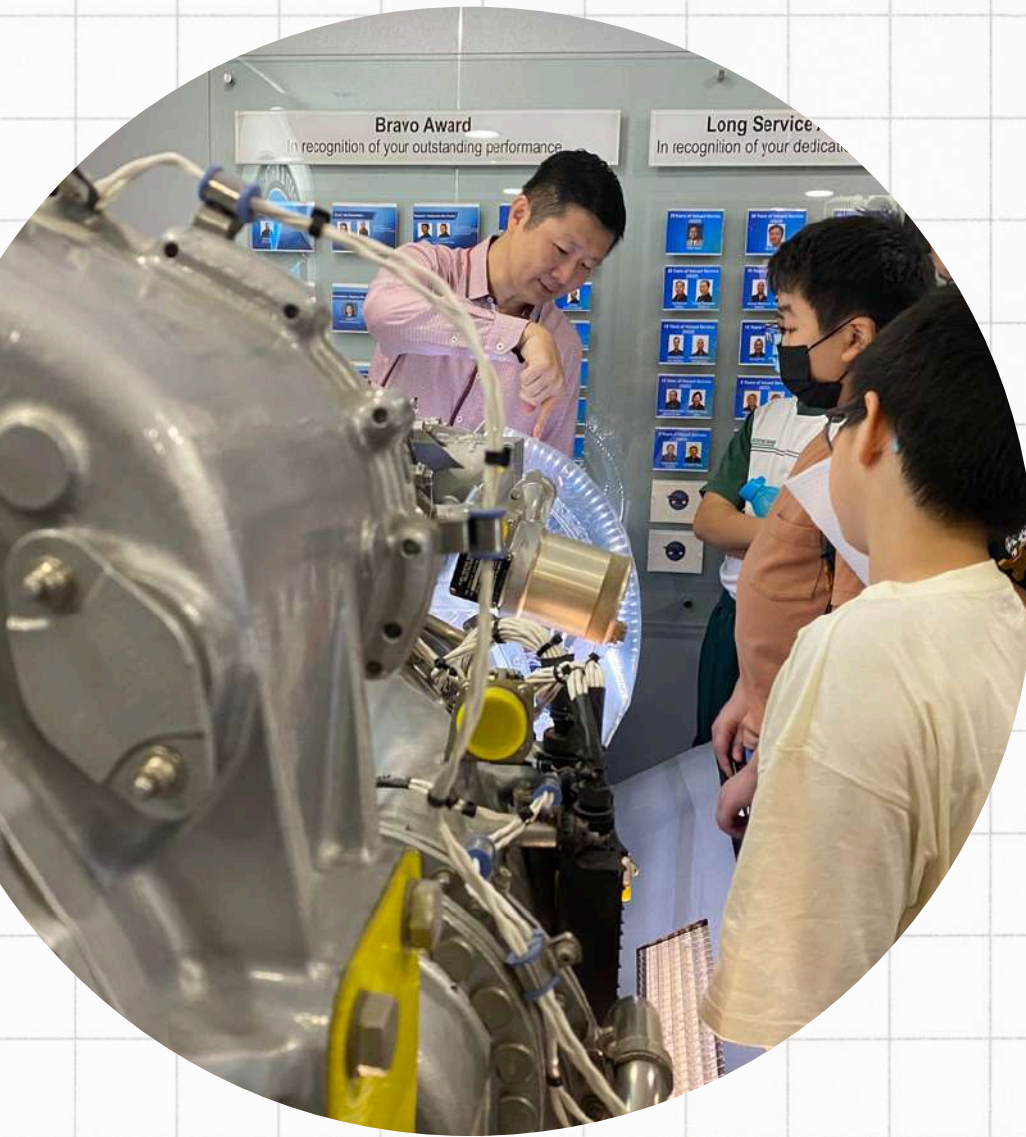


enquiry@ideacademy.sg

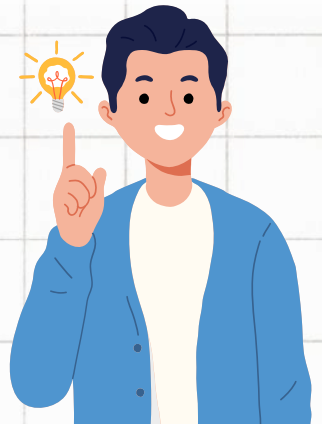


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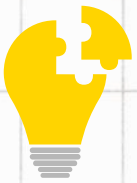




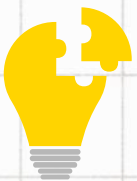
**Designed for  
P4 - P6  
students!**



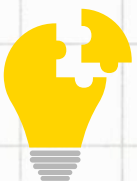
## Learning Outcomes



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

**Saturdays: 9am - 10.30am**

**231 Mountbatten Road,  
Block B, #03-01/03,  
Mountbatten Centre,  
Singapore 397999**

**Sign up  
today!**

