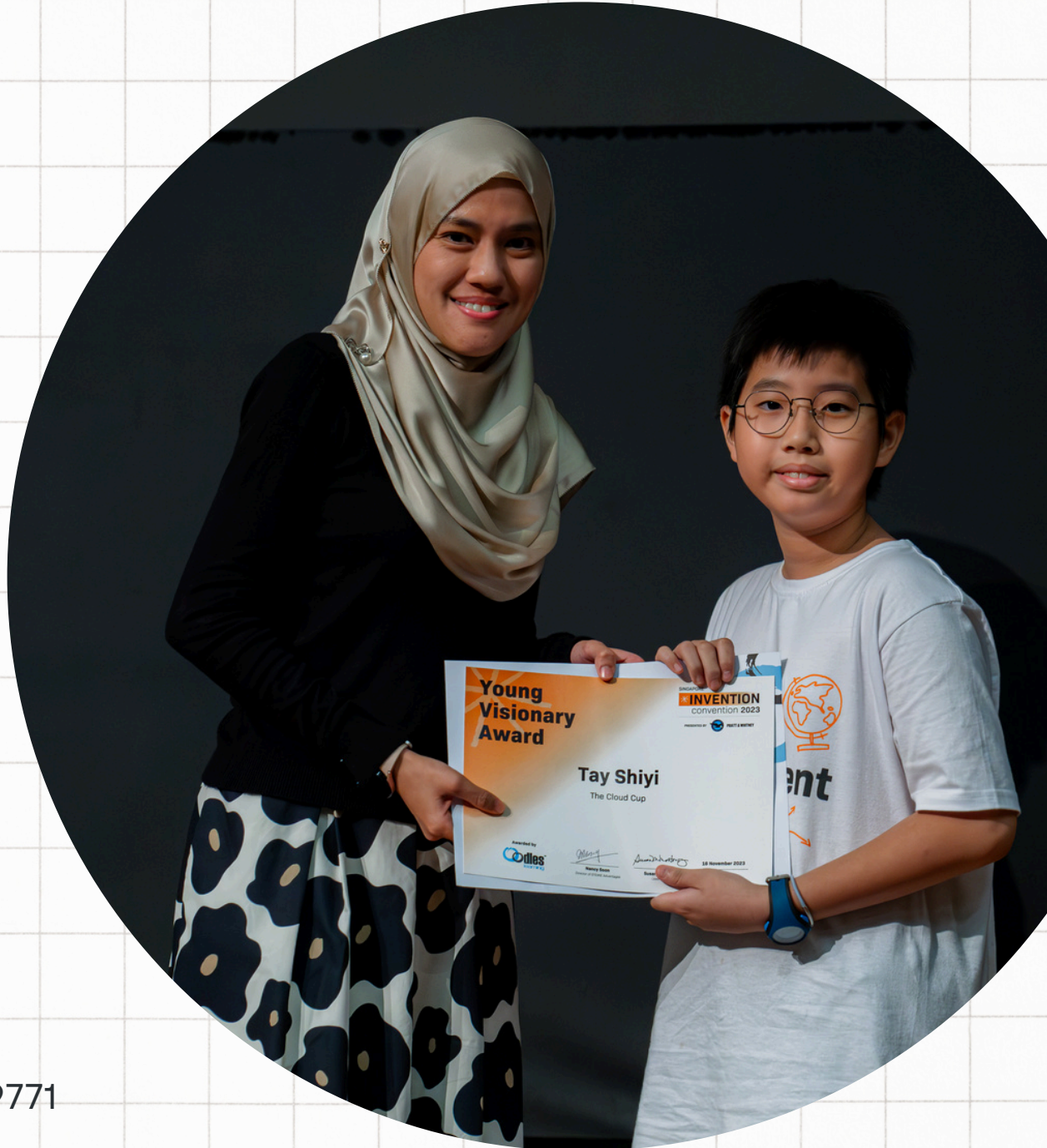


# STEM DSA Preparation Programme December 2024



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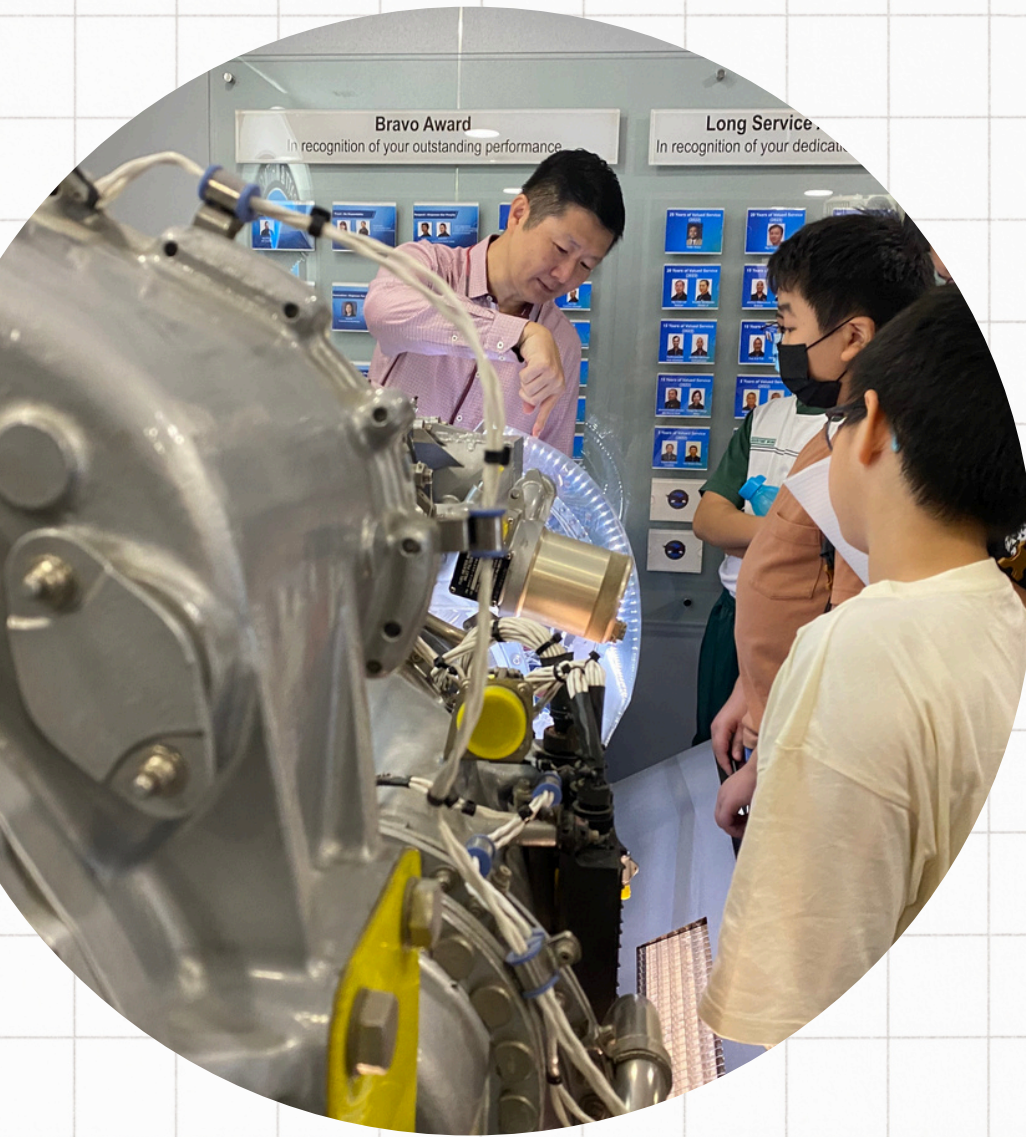


enquiry@ideacademy.sg

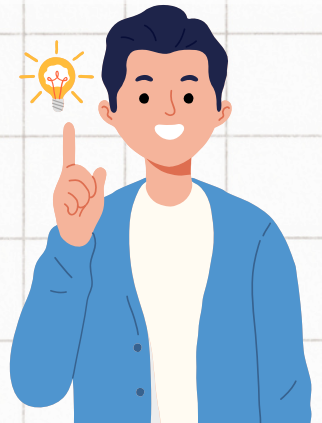


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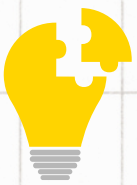




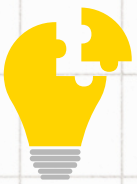
**Designed for  
P5 - P6  
students!**



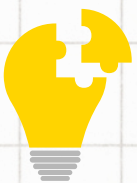
## Learning Outcomes



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

## Portfolio Building and Presentation

- Compile and refine your STEM DSA portfolio, highlighting your innovative solutions and entrepreneurial ventures
- Develop presentation skills to effectively communicate your ideas, ensuring you stand out during the Direct School Admissions process

**Step 4**

**Step 3**

## Entrepreneurial Exploration

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

**Step 2**

## Identify Real-World Issues

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

**Step 1**

## Environmental STEM Exploration

- Interconnected learning of science, technology, engineering, and math
- Introduction of the STEMIE framework for identifying and solving environmental challenges

# Details

**Nov 18 - 22 (Session 1)**

**Dec 16 - 20 (Session 2)**

**9am to 4pm**

**\$750 / per student**

**New student registration fee: \$20**

**231 Mountbatten Road,**

**Block B, #03-01/03,**

**Mountbatten Centre,**

**Singapore 397999**

**Sign up  
today!**

