

YOUTH  
INVENTION  
SPRINT



**Nov / Dec**  
**2024**

Start saving the world  
with your inventions in  
this 3-half day Invention  
Sprint for Youths.



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**STEMIE**  
ADVANTAGES



**Designed for  
ages 13-16!**

## Learning Outcomes




With a focus on environmental sustainability, students will apply the 7-step STEMIE Design Thinking framework to solve a real-world challenge.



Students will learn about ideation techniques like Biomimicry and SCAMPER to brainstorm potential solutions to their problems.



Students will design, and build their very own prototype.

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- Design a prototype of your solution to the problem
  - Build your prototype

**Day 3**

**Day 1 & 2**

- Select a challenge
- Understanding the problem by conducting research
- Ideate possible solutions

# Your Invention Journey



**Workshop 1: Nov 26 – 28**

**Workshop 2: Dec 11 – 13**



**2pm – 5pm**



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

**Fees: \$360/ per student**

(includes all course materials)

**One-time Registration Fee: \$20**

(for new students only)

**Sign up  
today!**

