

YOUTH  
INVENTION  
SPRINT



**JUNE 2024**

Start saving the world  
with your inventions in  
this 2-week bootcamp!



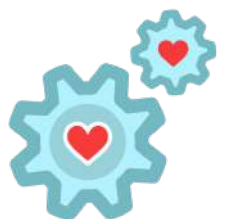
9888 9771



hello@stemieadvantages.org



@stemie.advantages



**STEMIE**  
ADVANTAGES



**Designed for  
ages 9 and up!**

## Learning Outcomes



Students will independently identify a problem and invent a solution using the STEMIE 7-step invention framework.



Students develop their prototype, video pitch, and display board for entry into the 2024 Pratt & Whitney Singapore Invention Convention.



Students will be able to confidently present their invention idea, and clearly explain its function.



# Invention Convention

## Lessons 8 - 10

- Create a display board
- Develop your pitch
- Market your ideas

- Design a prototype of your solution to the problem
- Build your prototype
- Conduct user-testing and refine your solution

## Lessons 4 - 7

## Lessons 1 - 3

- Identify & define a problem
- Understanding the problem by conducting research
- Ideate possible solutions

# Your Journey



**27/5 to 7/6 (Session 1) /  
3/6 to 14/6 (Session 2)**



**2pm – 5pm (Session 1) /  
9:30am – 12:30pm (Session 2)**



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

**Fees: \$860 / per student**

(includes all course materials)

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

(for new students only)

**Sign up  
today!**



SINGAPORE

**INVENTION**  
convention 2024

PRESENTED BY



PRATT & WHITNEY

# Celebrate your invention journey!

12 - 14 November 2024

## Important Dates

- Registration: 1 July - 30 August 2024
- Final submission date: 15 Sept 2024
- Set-up day: 12 Nov 2024
- Judging circles (in-person): 13 - 14 Nov 2024
- Awards ceremony: 14 Nov 2024

## Contact us for more info

9888 9771

[hello@stemieadvantages.org](mailto:hello@stemieadvantages.org)

