



S.T.E.A.M. EDUCATION

WHAT WE LEARN?

HARD SKILLS

- Web Development
 - HTML, CSS, JavaScript
 - PHP, MySQL
- Electronics & Electrical Engineering
 - Arduino & Arduino IDE
 - Raspberry Pi
- Media
 - Animation
 - Video Editing
- Design
 - 3D modelling & 3D printing
- Programming
 - Python

SOFT SKILLS

- Design Thinking Process
- Critical Thinking
- Presentation
- Project Management
- Communication
- Problem Solving
- Teamwork

TO CREATE

TO LEAD

TO INSPIRE

TEACHER ADVISOR

- Lim Yee Hoong
- Ng Jo Han

ACTIVITY TIME (Physical Class)

Tuesday – 2:35PM to 4:15PM

Thursday – 1:55PM to 4:15PM

Friday (Extra Training) – 3:00PM to 5:00PM

WEBSITE

<https://penangmaker.com/hchs/>

ACHIEVEMENTS

2021

- World Innovative Science Fair
 - Gold Award
- ASEAN Build On Hackathon
 - 2nd Runner Up

2019

- International STEM Teaching & Manipulating Festival
 - 1st Place
- Tan Kah Kee Young Innovation Award
 - Merit Award
- Young Innovators Challenge
 - Gold Award
- Kuala Lumpur Engineering Science Fair
 - Silver Award
 - Bronze Award
- Penang International Science Fair
 - Gold Award
- Penang Innovator
 - Champion
 - Consolation Prize

2020

- Kuala Lumpur Engineering Science Fair
 - Bronze Award
- CREST Youth Industrial E-Bootcamp
 - Category First Place
 - Best Presenter Award
 - Best Video Award
- Smart School IoT Hackathon
 - Gold Award
 - National Top 15



“Men, in teaching others, learn themselves.”

- Thomas Lodge 科技与资讯 STEAM