

3-DAY SCIENCE CENTRE CURIOSITY PROGRAMME

BE AN ASPIRING ENGINEER

Minimum: 30 Pax | **Age Group:** 13 - 17 years old

Science Centre Singapore - where our mission is to promote interest, learning and creativity in Science and Technology through imaginative and enjoyable experience, and contribute to the nation's development of its human resource.



DAY ONE

09:30am – 12:30pm

Workshop -
Foundation of Microcontrollers

12:30pm – 02:00pm

Lunch

02:30pm – 02:50pm

Live Science Show –
The Fire Tornado Show

03:00pm – 05:00pm

STEM Challenge -
Workshop and project work

05:00pm

End of Day One



DAY TWO

09:00am – 12:00pm

Workshop - Distance & Motion Sensors
for Automated Systems

12:00pm – 12:15pm

Live Science Show –
The Energy Titan Show

12:20pm – 01:30pm

Lunch

01:30pm – 04:30pm

STEM Challenge -
Prototyping and Presentation

04:30pm – 05:00pm

STEM Challenge -
Prize and Certificate Presentation

05:00pm

End of Day Two



DAY THREE

09:30am – 12:30pm

Workshop - Temperature regulation
with Automated Systems

12:30pm – 01:30pm

Lunch

01:30pm – 03:00pm

Escape Room: A challenge waiting
ahead of you

03:00pm – 04:00pm

Amazing Race: A fun way to explore
the various exhibits at Science
Centre Singapore

04:00pm – 05:00pm

Immersive Experience: A treat to
Omni-Theatre digital movie

05:00pm

End of Day Three

OPTIONAL [with additional costs]

05:30pm – 07:00pm

Dinner

07:00pm – 08:30pm

Stargazing with Science Centre
Observatory

LEARNING OUTCOMES

Participants will be able to:

- Engage in **experiential learning** by moving around and exploring > 1,000 exhibits on science concepts in our exhibition gallery through our specially designed Amazing Race programme. There is even a gallery for visitors to learn more about Engineering!
- Be exposed to an understanding of micro-controllers and their real-world applications such as a robotic vehicle through our **applied-learning** workshops.
- Experience Science Centre Singapore's very own Escape Rooms, which will test the participants **wits, teamwork and problem-solving skills**
- Form teams to pit against one another in innovation and creativity in our **STEM challenge**
- Be treated to an **immersive experience** at the Omni-Theatre, Singapore's only and South-East Asia's first 8K digital dome theatre
- (Optional) wind down and uncover the mystery of the constellation as participants undertake an **interstellar journey** through the **cosmos** through our exclusive Stargazing experience! Level up your knowledge of the stars with us!

enquiry@sscglobal.com.sg | www.sscglobal.com.sg