

“Don’t Just Teach Your Child About the Future. Let Them Experience It.”

7D6N : Singapore SG + Johor Bahru MY STEM Educational Tour 2026

Dates : 4th to 11th December 2026 OR

3rd Jan to 9th Jan 2027

7 Days 6 Nights STEM Educational Tour 2026

A 7-Day Future Skills Journey

Students will:

SEE → Smart Cities

EXPERIENCE → AI / AR / VR

TOUCH → Maker Technology

BUILD → STEAM Prototype

MEET → STEM & Innovation Ecosystem

SOLVE → Real-World Problems

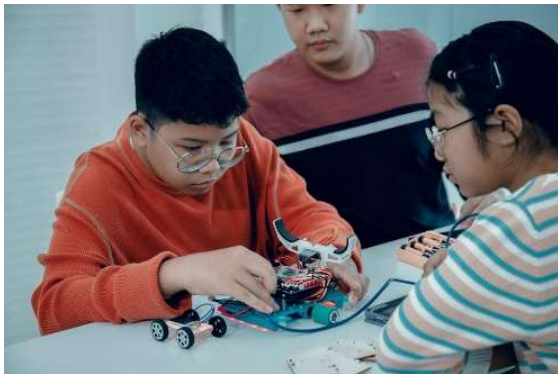
PITCH → Their Own Ideas

REFLECT → Their Future

This is not a sightseeing tour.

It is a 7-day Future ASEAN Youth experience designed to help students see the future, experience emerging technology, build real solutions, communicate their ideas and discover who they can become.

Theme: Future ASEAN Youth – Innovation, Smart Cities & Sustainable Development



Why Schools Should Bring Students for This Program

1. Real-World STEM Exposure

Students will go beyond textbooks and experience:

- Artificial Intelligence (AI), including AR + VR Experience
- STEAM Maker Experience – Creating something from Nothing
- Experience Learning in the Real World, No textbooks and workbooks
- Smart Cities & Digital Infrastructure (Singapore's SMART Eco System)
- Robotics & IoT (Internet of Things)
- Sustainability & Green Technology (Singapore's International Standards)
- Company and school Visits (can only be arranged with more than 30 students)
- Startup & Innovation Ecosystems (Value Chain Eco System)

 This bridges the gap between **classroom learning and real-world application**

2. Learn from One of the World's Leading Smart Nations

Singapore is more than a modern city—it is a living laboratory where **technology, innovation and intelligent urban planning come together to shape the future**. Through this immersive experience, students will discover how AI, digital infrastructure, smart transportation, sustainable solutions and connected technologies are being integrated into everyday life. Instead of simply learning about the future from textbooks, they will **see, experience and question how a future-ready society is designed and built**. This exposure challenges students to think beyond what exists today, sparks curiosity about what is possible tomorrow, and develops the **future-thinking, innovation and problem-solving mindset needed to thrive in an increasingly intelligent world**.

Singapore is globally recognized as a Smart Nation.

Students will:

- See how technology improves daily life
- Understand urban innovation systems
- Experience world-class infrastructure and planning

👉 This inspires **future thinking and innovation mindset**

3. Build Confidence, Leadership & Communication

This experience helps students step beyond their comfort zones and develop the confidence to communicate, collaborate and lead. Through hands-on projects, teamwork and presentations, they learn to express ideas clearly, take initiative and perform under pressure. Interactive workshops led by industry and education experts broaden their perspectives, while communicating in English within an international environment strengthens their confidence. With opportunities to pitch ideas and win cash prizes, students return home more expressive, independent, resilient and ready to lead.

Throughout the 7 days, students will:

- Work in teams to build projects (with items that they can bring home)
- Participate in presentations & pitching – with Cash prizes

👉 Students return more **confident, expressive, and independent**

4. Develop Critical Thinking & Innovation Skills

This 7-day experience challenges students to think beyond the obvious and become confident problem-solvers. Through **Design Thinking, idea generation, hands-on challenges and collaboration**, students learn to explore possibilities, develop creative solutions and turn ideas into action. These are not just classroom skills—they are essential capabilities that prepare students to navigate **future careers, university challenges and entrepreneurship** with greater creativity, adaptability and confidence.

Students will practice:

- Design Thinking
- Problem-solving
- Idea generation
- Collaboration

👉 Essential skills for:

- Future careers
- University preparation
- Entrepreneurship

5. Safe & Structured International Exposure

This program gives students the opportunity to experience international learning in a **safe, structured and supportive environment**. With supervised activities, visits to universities and innovation hubs, cultural exchange and carefully planned logistics, students can explore beyond their familiar surroundings with confidence. It is an ideal **first international experience**, helping young learners develop independence, maturity and a broader understanding of the world around them.

This program offers:

- Supervised learning environment
- Visits to universities & innovation hubs
- Cultural exchange within ASEAN
- Well-planned logistics and safety

👉 Ideal for **first international exposure for students**

6. Explore Future Education & Career Pathways

This experience opens students' minds to **future education and career possibilities** beyond the traditional classroom. Through exposure to overseas education systems and insights into emerging career pathways, students gain a clearer vision of what their future could look like. Guided by **STEM Expert**, students are inspired to think bigger, explore opportunities and pursue higher education with purpose and confidence.

Students will gain:

- Exposure to overseas education systems
 - Insights into future careers
 - Motivation for higher education
 - Trainer – By STEM Expert, Coach Jacky Cheng, founder of SMART Science Lab and STEM Academy of Singapore
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What Students Will Gain

By the end of the program, students will:

- Understand future technologies & Smart City concepts
- Improve confidence and communication skills
- Develop leadership and teamwork abilities
- Gain global exposure and ASEAN perspectives
- Build independence and maturity
- Discover future study and career directions
- AR + VR, 3D Printing – Visit Maker Space

💡 Positioning for Schools

This program is not just a trip.

It is a **strategic student development program** that helps schools:

- Enhance student profile & competitiveness
- Provide international exposure
- Strengthen STEM learning outcomes
- Build future-ready graduates

Planned Agenda

DAY 1 — DISCOVER

🌍 *Understand the world around you*

DAY 2 — EXPERIENCE

🤖 *Experience AI, AR/VR & emerging technology*

DAY 3 — OBSERVE

🏙️ *See how a Smart City works*

DAY 4 — CREATE

🔧 *Build something with your own hands*

DAY 5 — CONNECT

💡 *Meet the innovation, education & startup ecosystem*

DAY 6 — SOLVE

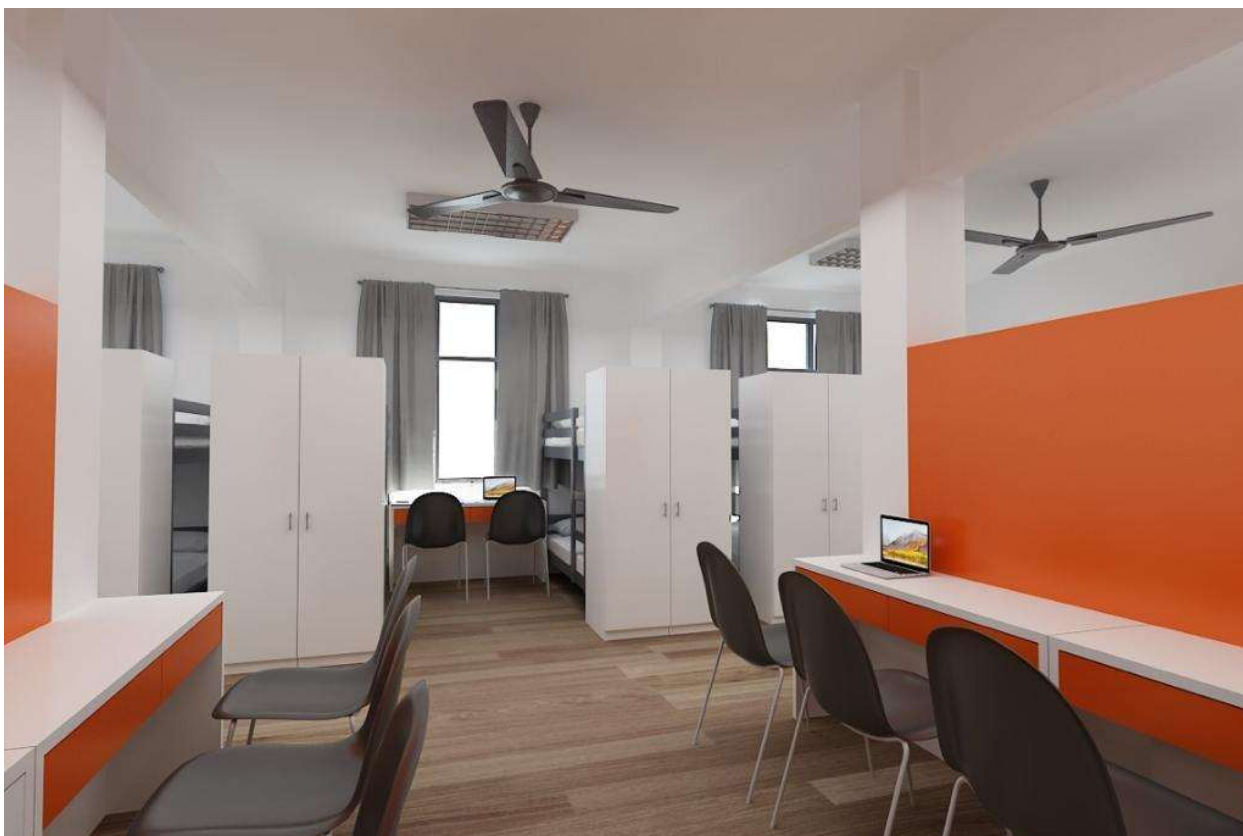
🎤 *Solve a real-world problem and pitch your idea*

DAY 7 — INSPIRE

SGMY *Connect Singapore and Malaysia through an ASEAN future lens*

Day	Theme	Main Activities	Key Learning Outcomes
Day 1	 Welcome to Future ASEAN	Arrival in Singapore • Welcome briefing • ASEAN Youth Ice-Breaking & Team Formation • Singapore orientation / Smart City exploration	Global mindset • Teamwork • ASEAN awareness • Cultural adaptation
Day 2	 AI, AR/VR & Future Technology	AI & Emerging Technology Workshop • AR + VR Experience • Introduction to AI applications • Future Technology Challenge	AI literacy • Digital awareness • Future technology applications
Day 3	 Singapore – A Living Smart City Laboratory	Smart City Discovery • Smart transport & digital infrastructure • Sustainability & Green Technology • Guided observation challenge	Smart City concepts • Urban planning • Sustainability • Critical thinking
Day 4	 STEAM Maker – Create Something from Nothing	Maker Space visit • 3D Printing • Robotics / IoT • Hands-on STEAM project • Students build a prototype to bring home	Creativity • Engineering mindset • Design thinking • Problem-solving
Day 5	 Innovation, Startups & Future Careers	University / Innovation Hub / Company visit* • Startup & Innovation Ecosystem • STEM career sharing • Design Thinking & Innovation Challenge	Entrepreneurship • Career awareness • Innovation ecosystem • Communication
Day 6	 Future ASEAN Youth – Solve & Pitch	Cross-team challenge • Develop solution to a real-world problem • Project refinement • Team presentation • Pitching competition • Cash prizes 🏆	Leadership • Public speaking • Collaboration • Business thinking
Day 7	MY ASEAN Connection & Future Reflection	Transfer to Johor Bahru • Malaysian STEM / educational or cultural experience • ASEAN Youth Reflection • Certificate Presentation • Closing	ASEAN perspective • Cultural understanding • Reflection • Independence

 Accommodation (6 Nights)





Assuming:

- 3★ – 4★ hotels
- Twin / Triple sharing

 Transportation (Land)





Includes:

- Johor Airport pickup → Hotel
- Daily Johor transport – Bus / Grab
- Johor → Singapore transfer
- Johor local transport
- Singapore Airport transfer

Premium Positioning

USD2,000 / Student, includes insurance, Parent Briefing, Contingency plans + Toni's expenses and profits etc

Luxury Premium

Includes all of Premium Positioning +

- Coach Jacky Coaching and Presentation
- Industry speakers
- More workshops
- Better hotel
- VIP certificates
- University networking

Selling Price

USD2,800

Organized by GMI

A brand under GMI Technologies Pte Ltd

DAY 1 — 🌐 Welcome to Future ASEAN

Theme: From Local Students to Global Citizens

Morning / Afternoon

- Arrival in Johor Bahru
- Airport transfer & hotel check-in
- Program briefing
- Introduction to “**Future ASEAN Youth**”
- Safety briefing and expectations

Afternoon / Evening

🤝 ASEAN Youth Team Formation

Students are divided into international-style teams.

Activities could include:

- Ice-breaking challenges
- Team identity creation
- Team name & flag
- STEM team challenge
- Introduction to the **7-Day Innovation Challenge**

🎯 Learning Focus

Students begin developing:

- Teamwork
- Communication
- Confidence
- Cross-cultural awareness
- Global mindset

Key message:

“You are not here simply to visit. You are here to experience the future.”

DAY 2 — 🤖 AI, AR/VR & Future Technology

Theme: Experience the Technology of Tomorrow

This should be one of the most exciting days for students.

Morning

AI & Emerging Technology Workshop

Topics could include:

- What is Artificial Intelligence?
- How AI is changing education and careers
- Generative AI
- AI in everyday life
- Robotics
- Internet of Things (IoT)

Afternoon

🕶️ AR + VR Experience

Students experience immersive technologies through:

- Virtual reality
- Augmented reality
- Digital simulation
- Interactive technology

🔬 Future Technology Challenge

Teams are given a challenge such as:

“How can technology improve the life of young people in the future?”

Students identify a problem and propose a technology-based solution.

🎯 Students Gain

- AI awareness
 - Digital literacy
 - Creative thinking
 - Technology confidence
 - Problem-solving
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DAY 3 — 🛠️ STEAM Maker Experience

Theme: Creating Something from Nothing

This should be your **hands-on maker day**.





Morning

🧠 Design Thinking Workshop

Students learn:

Empathise → Define → Ideate → Prototype → Test

Then they identify a real-world problem.

Examples:

- Waste management
- Student safety
- Elderly care
- Climate change
- Smart school
- Transportation
- Accessibility

Afternoon

Maker Space Experience

Students experience:

- 3D printing
- Robotics
- Sensors
- IoT
- Basic prototyping
- STEAM engineering

Build Your Own Prototype

Each team creates a physical or digital prototype.

Best part:

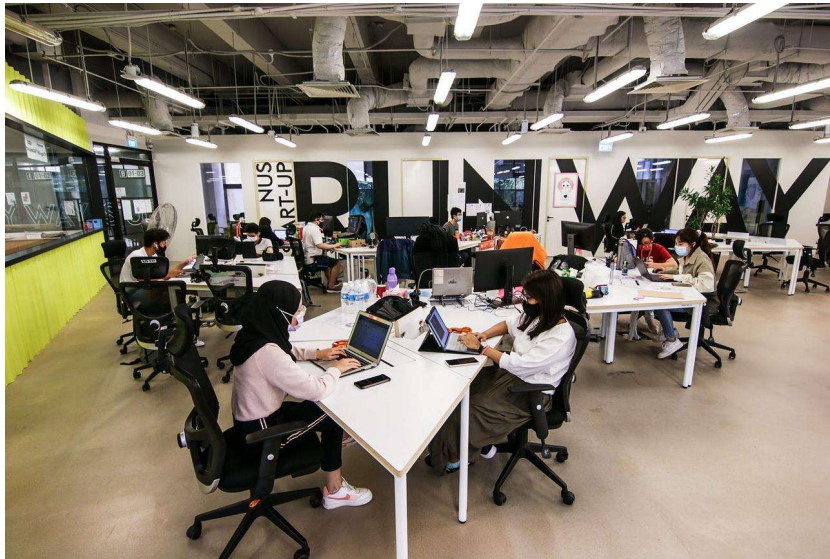
Students can bring their completed project / prototype home.

Students Gain

- Engineering mindset
 - Creativity
 - Hands-on STEM skills
 - Design thinking
 - Persistence
 - Problem-solving
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DAY 4 — 💡 Innovation, Startups & Future Careers

Theme: From Student to Innovator





Morning

🎓 Future Education Exposure

Visit a suitable:

- University
- STEM institution
- Innovation centre
- Educational technology centre

Students discover:

- What overseas education looks like
- STEM pathways
- University life
- Future fields of study
- Emerging careers

Afternoon

🚀 Startup & Innovation Ecosystem

Introduce students to:

Idea → Prototype → Startup → Product → Customer → Impact

Students learn that innovation isn't simply about inventing something.

It's about:

Identifying a problem and creating value by solving it.



Future Career Sharing

Possible future careers:

- AI Engineer
- Robotics Engineer
- Data Scientist
- Sustainability Specialist
- Product Designer
- Entrepreneur
- Software Developer
- Biomedical Engineer
- Smart City Planner



Students Gain

- Career awareness
 - Entrepreneurship mindset
 - University awareness
 - Innovation thinking
 - Understanding of the startup ecosystem
-

DAY 5 — 🎤 Future ASEAN Youth Innovation Challenge

Theme: Think. Create. Solve. Pitch.

This is the **grand finale** of the STEM learning component.

Students return to their teams and use everything they have learned.

🚀 The Challenge

Each team receives a real-world ASEAN problem.

For example:

“Design a solution that can make ASEAN cities smarter, greener and better for young people.”

Teams develop:

1. Problem

What problem are we solving?

2. People

Who is affected?

3. Idea

What is our solution?

4. Technology

How will technology help?

5. Prototype

What does our solution look like?

6. Impact

How can it improve society?

7. Pitch

Why should people support our idea?

Innovation Pitching Competition

Each team gets:

3–5 minutes presentation + Q&A

Judges can score:

Criteria	Weight
Innovation	25%
Problem Solving	20%
Creativity	20%
Feasibility	15%
Presentation	10%
Teamwork	10%

Awards

- **Most Innovative Idea**
- **Best Prototype**
- **Best Presentation**
- **Best Teamwork**

Cash prizes + certificates

This creates a memorable climax to the entire program.

DAY 6 — MY ASEAN Connection: Singapore → Johor Bahru

Theme: One Region, Different Perspectives

“Understanding ASEAN Through Two Cities”

Students compare:

Singapore SG vs Johor Bahru MY

Possible areas:

- Urban development
- Education
- Technology
- Sustainability
- Culture
- Entrepreneurship
- Quality of life
- Future development

ASEAN Youth Reflection

Students discuss:

“What should ASEAN look like in 2035?”

Each team presents one idea for the future of ASEAN.

Closing Ceremony

- Program reflection
- Student sharing
- Innovation Challenge awards
- Cash prizes
- Certificates
- Group photographs
- Closing message from STEM Expert / Coach Jacky Cheng

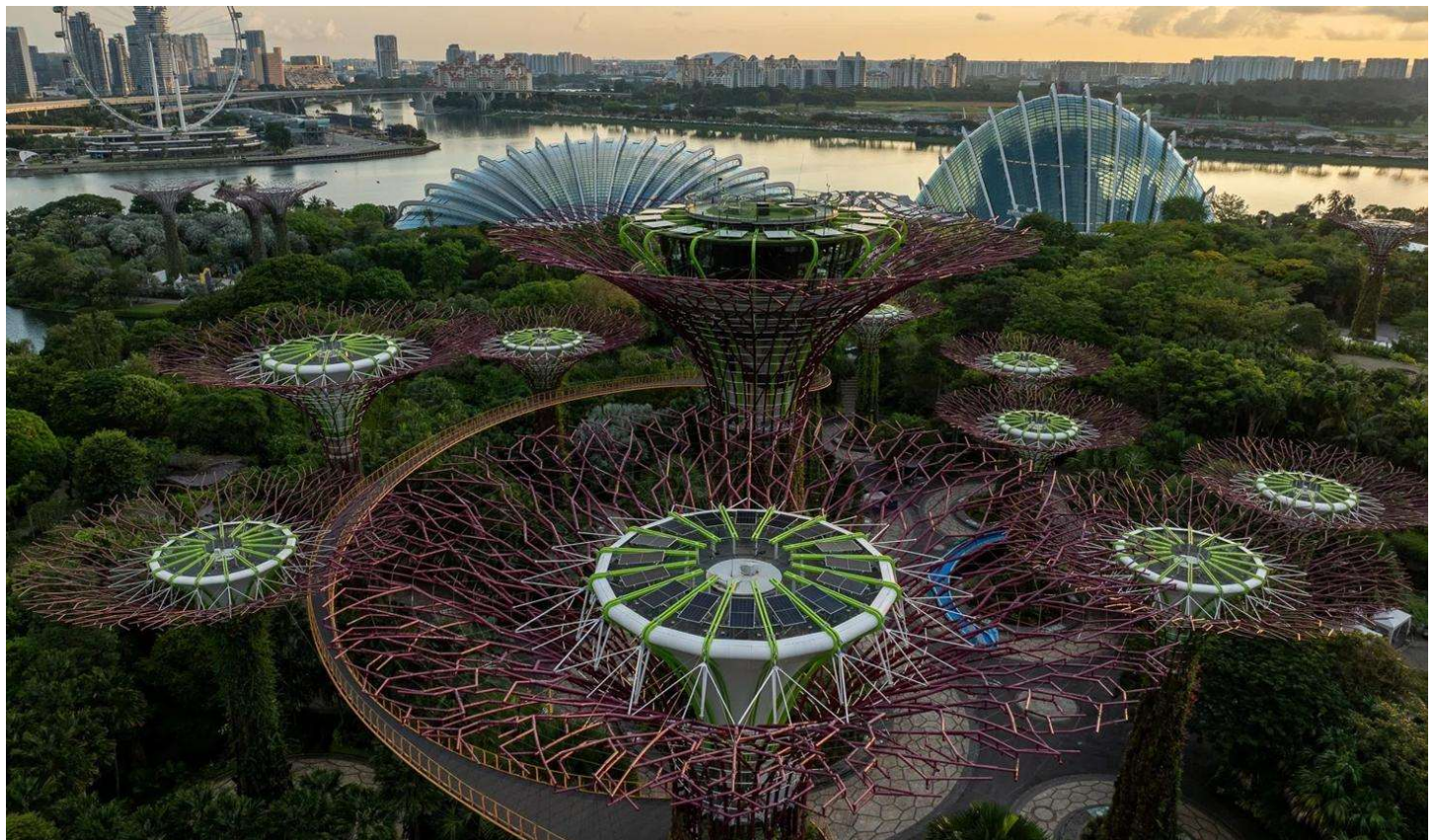
DAY 7 — Singapore : A Living Smart City Laboratory

MY ASEAN Connection: Johor Bahru → Singapore

Theme: Don't Learn About a Smart City. Experience One.

This is where **Singapore Smart Nation** positioning becomes very powerful.





Morning

Smart City Discovery

Students explore Singapore's urban environment and observe:

- Smart transportation
- Digital infrastructure
- Urban planning
- Connectivity
- Public spaces
- Intelligent buildings
- Environmental management

Student Activity

“Smart City Detective Challenge”

Teams must identify real examples of:

Technology + People + Environment + Infrastructure

Afternoon

Sustainability & Green Technology

Explore Singapore's approach to:

- Water management
- Green buildings
- Renewable / clean technology
- Urban greenery
- Sustainable development
- Resource management

Students answer:

“How can a city become smarter without becoming less sustainable?”

Students Gain

- Smart City understanding
- Environmental awareness
- Observation skills
- Critical thinking

- Systems thinking

Students will be able to put together the theories and facts that they had learnt in Johor Bahru, to the real life that they experience in Singapore. They will then be sent to the airport and leave for home from the airport.