

CONTINUED SUPPORT For STEM ALP Schools

2017
to
2019

STEM Industrial Partnership Programme (IPP)

- Continued with IPP support
- + NEW STEM Ambassadors/Pathfinders

Modules Repository

- 37 lesson packages
- (Current) + 47 SOWs (NEW)






Teachers' Professional Development

- Digital Fabrication Skills
- Module trainings on ALP lessons

STEM Inc Consultation Teams

- Curriculum Specialists
- MOE seconded teachers
- STEM Educators

STEM Inc Media Support

-  Electronic Direct Mailer (EDM)
-  Website (www.steminc.sg)
-  Instagram
-  Facebook
-  YouTube

STEM Communities of Practice

- Teachers/Schools' Networking
- Teachers/Schools' Sharing
- Learning journeys to industry

Tier 2 Challenges & Project Showcases

- Students' STEM competitions
- Students' project showcases

STEM Co-op Club

- Seed funding to set-up Co-ops
- Combine entrepreneurship with STEM Skills

For enquiries, please contact **STEM Inc Consultation Teams**.

A collaboration between:



Ministry of Education
SINGAPORE



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CONTINUED SUPPORT

For STEM ALP Schools

2017
to
2019

STEM Inc continues to render support to STEM Applied Learning Schools from 2017 to 2019.
More support coming your way!

FOR WHOM?

FOR WHAT?

Schools	Modules Repository	New Elements
Schools	STEM Industrial Partnership Programme (IPP)	New Elements
Teachers	Teachers' Professional Development	Brand New Scheme
Teachers	STEM Communities of Practice	Brand New Scheme
Students	STEM Co-op Club	Brand New Scheme
Students	Tier 2 Challenges & Project Showcases	Continued
All	STEM Inc Media Support	New Elements

Want to find out more?

Contact your Curriculum Specialists who are leading the STEM Inc consultation teams consisting STEM Educators and teachers seconded from MOE.

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Modules Repository

Who's benefiting?

Schools have more choices to choose their STEM ALP modules from.

What is it?

37 full lesson packages currently available + 47 new SOWs for your consideration.

STEM Industrial Partnership Programme (IPP)

Who's benefiting?

Schools will continue to be connected with STEM industry partners as facilitated by STEM Inc consultation teams and individual STEM Ambassadors/Pathfinders will be introduced to schools.

What is it?

STEM Ambassadors/Pathfinders are STEM professionals who volunteer to mentor or supervise students' project work in schools. STEM Inc will commence introducing them to schools from January 2017.

Teachers' Professional Development

Who's benefiting?

Teacher trainings are provided by STEM Inc to help build expertise and keep teachers updated to the latest STEM skills and knowledge.

What is it?

STEM ALP Module trainings and Digital Fabrication Skills trainings are available.

Digital Fabrication Skills trainings (8 to choose from)

- Basic Safety & Workshop Tools
- 2D & 3D CAD design software
- 3D Scanning & Printing
- Electronic Design & Production
- Input & Output Interfacing
- Embedded Programming with Arduino Systems
- Laser Cutting & Engraving
- Project Consultation & Presentation

STEM ALP Module trainings (Customised to needs)

- Applied Learning lessons training customised according to teachers' needs.

Where is it?

The training sessions will be held in the Digital Fabrication Space in Science Centre Singapore.

STEM Communities of Practice

Who's benefiting?

Teachers' platform to network, share and meet teachers from other schools under the same STEM ALP teaching domains.

What is it?

- Inter-school networking for teachers from the same teaching domains to share and learn from one another.
- Potential STEM industry visits and exposures for teachers under the same teaching domains.
- Potential training sessions for teachers from the same teaching domains to be conducted.

STEM Co-op Club

Who's benefiting?

Students join the STEM Co-op Club as a co-curriculum activity to hone their STEM skills while developing entrepreneurship skills for co-operatives (jointly-owned businesses).

What is it?

- To pilot in 2 to 4 schools during first half of 2017.
- Seed funding of \$1,000 per school is provided by Singapore National Co-operative Federation (SNCF).
- STEM Inc supports STEM ALP school teachers to run the STEM aspect of STEM Co-op Clubs by providing repository of one-off activities and projects for members to choose from.
- SNCF supports the enterprise aspect of STEM Co-op Clubs by providing consultations and guidance for members to start-up and sustain the co-operatives with a social cause.

Tier 2 Challenges & Project Showcases

Who's benefiting?

Students get to participate in STEM competitions and project showcases via platforms provided or facilitated by STEM Inc.

What is it?

- Competition: The Bright Ideas Challenge 2017 sponsored by Shell Companies in Singapore
- Showcase: Maker Faire Singapore 2017

More details at the back 
STEM Inc Media Support, Contact Details






STEM Inc Media Support

Who's benefiting?

All stakeholders (schools, teachers, students, industry partners and STEM professionals etc.)

What is it?

STEM Inc media channels are your publicity platforms while we deliver relevant information to you.

-  Electronic Direct Mailer (EDM)
-  Website (www.steminc.sg)
-  Instagram (@stem.inc)
-  Facebook (STEM Inc @STEMInc.SG)
-  YouTube (STEM Inc, Science Centre Singapore)

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