

HEADLINES:

ASTI wishes everyone a very Happy & Prosperous New Year !

ASTI's Young Inventors Challenge Shortlisted for the QS Reimagine Education Award

Reimagine Education is a global education conference and competition, open for participation to all those who are transforming education. Designed and organised by Quacquarelli Symonds (QS) with Wharton School of Business, Pennsylvania, USA. QS is known for its QS World University Rankings that is published annually as a reference on the most current and best universities in the world.

The Association of Science Technology and Innovation (ASTI) submitted one of its projects - The Young Inventors Challenge (YIC), for evaluation. And we are proud to announce that YIC has been shortlisted from 1,507 projects from 39 countries across the globe for its K-12 category. ASTI competed against various institutions such as the University of Melbourne, MIT and many more at the Reimagine Education Conference and Award as per details below:

Date: 9 December 2019

Venue: Queen Elizabeth II Centre, London

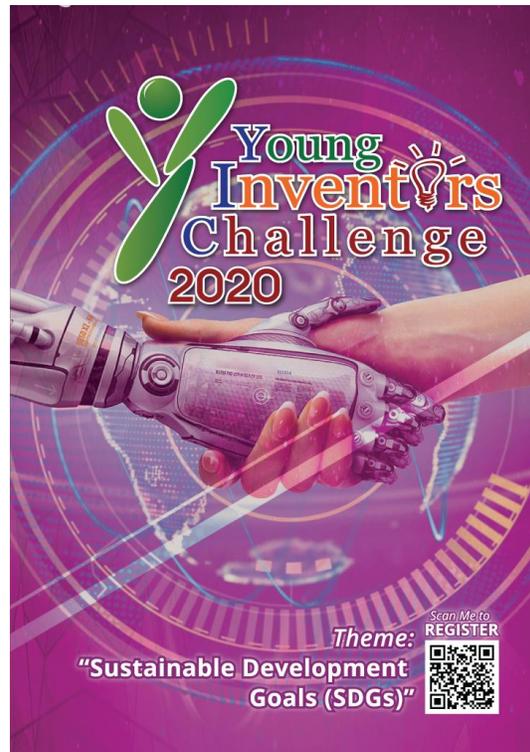
Science Fair for Young Children (SFYC) 2020

We are starting with Science Fair for Young Children (SFYC) 2020 in February 2020 with the Teachers Training.



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Young Inventors Challenge 2020

Theme: **"Sustainable Development Goals (SDGs)"**

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• THE COMPETITION •

The **Young Inventors Challenge 2020** is our 8th Invention/Innovation competition which aims to encourage secondary school students aged 13 - 17 to cooperate as a team (4-5 students) to find innovative solutions to current-day problems.

Additionally there are 3 competitions, a written report competition, a short video competition and also an entrepreneurs business plan competition if there are any interest.

• THE ORGANIZER •

Association of Science, Technology and Innovation (ASTI) is a non-governmental organization (NGO) and also a non-profit oriented organization working towards empowering young children through various projects such as *Science Fair for Young Children (SFYC)*, *Young Inventors Challenge (YIC)*, *Creative and Critical Thinking Camp (CCTC)*, *ASTI Leap Challenge (ALC)*, *Wings of Fire Series* and *ASTI outreach programmes*.

• THE OBJECTIVE •

- » To develop future inventors/innovators.
- » To give an opportunity to young and future inventors/innovators to develop and showcase their inventions/innovations.
- » To help young inventors/innovators to experience the inventive cycle, from conceptualisation to product/prototype.
- » To introduce the idea of "using inventions/innovations as a tool to make a positive change in society".
- » To give opportunities to young people who are inventive to promote their ideas to the outside world.

• WHO CAN PARTICIPATE? •

- » Secondary school students aged between 13 and 17 or Form 1 to 5.
- » A team of 4 – 5 young people.
- » Teams made up of different cultural background (*Highly Encouraged*)
- » Able to write a proposal and do presentation in English Language.

• THE AWARDS •

- » 3 Best Proposals will receive RM 500, RM 300 and RM 200 respectively
- » 1 X Platinum Award - RM 2500 with Certificates, medals and Challenge Trophy
- » 2 X Gold Awards - RM 2000 each with Certificates and medals
- » 7 X Silver Awards - RM 1000 each with Certificates and medals
- » 10 X Bronze Awards - RM 500 each with Certificates and medals
- » All participants will be awarded a Certificate of Participation



Platinum Awards Winner (2019)

School Name : Philippine Science High School-Soccksargren Region Campus, Philippines
Team Name: Paraso
Team Invention Title : Autonomous Radiation Monitoring and Data-Logging Aquatic Vehicle (Armadav)



Gold Awards Winners (2019)

School Name : SMK Bandar Utama 3, SMJK Katholik, SMK Damansara Jaya, Wesley Methodist School Kuala Lumpur (International), Arrows Resource Centre, Malaysia
Team Name : Nighthawk
Team Invention Title : Chef De-Bot

School Name : SMA Negeri 1 Kedungpring, Indonesia
Team Name : Sani Basuki

Team Invention Title: Biotoam Engkong (Biodegradable Foam from Water Hyacinth as Main Ingredient)

• WHAT THE TEAMS HAVE TO DO? •

The United Nation's Sustainable Development Goals (SDGs)* are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate, environmental degradation, prosperity, peace and justice. There are 17 SDGs.

This year's YIC theme is: Invention to address issues discussed in Sustainable Development Goals (SDGs). You are required to invent a product and/ or process that is able to provide resolution in some form and have an impact on Sustainable Development Goals (SDGs). Participants are required to innovate and produce a working prototype and/ or a working scaled model. A write-up is also required with the aim to commercialize or to put in practice the invention.

*<https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

• HOW TO PARTICIPATE? •

Form a Team of 4 or 5 people

Email (yic2510@gmail.com) / Fax (603-7872 9551) your team's details by 29 February 2020

ASTI emails out Young Inventors Challenge Students Manual and Proposal Writing Online Video

Develop the invention proposal based on the Students Manual and Proposal Writing Online Video

Submit invention proposal to ASTI by the 28 March 2020

Shortlisted teams will be notified via email by 8 May 2020 and required to pay participation fee of USD 100 (RM 400) per team within 2 weeks of the notification.
(Booth, Food, Certificates and Testimonials will be provided for all participants)

Shortlisted teams will be guided with Online Training and Facebook Live Training from May -June 2020

3 months to develop inventions

Invention prototypes will be showcased at the Grand Finale in September 2020



For further details, kindly contact:
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Geo Connect Asia 2020

Asia's leading exhibition-led geospatial and location intelligence event with a specific focus on Southeast Asia, Geo Connect Asia 2020 will bring the industry together for 2 days of focused discussion and networking on 18-19 March 2020 at Suntec Singapore. The event will comprise an exhibition as well as a series of conferences and seminars across various industry verticals such as asset management, building & construction, precision agriculture, forestry, mining, transportation & mobility, distribution & logistics, and smart cities.

Geo Connect Asia 2020 is supported by GeoWorks, an industry centre set up by the Singapore Land Authority, under the Singapore Geospatial Master Plan to bring together geospatial businesses, sectoral users, research institutions and the government to foster a vibrant geospatial ecosystem in Singapore. ASTI is an official supporting partner for the event.

Below are the Event details:

Date of event: **18 – 19 March 2020 (Wednesday & Thursday)**

Venue: **Suntec, Singapore (Halls 403 – 404)**

Opening hours: **9:30 a.m. – 5:30 p.m.**

Deadline to register: **NIL**

Website details: www.GeoConnectAsia.com

Join us at Asia's leading show for the geospatial solutions & location intelligence markets, combining a two-day exhibition with conferences, meetings and networking opportunities!