

# NEWSLETTER

APRIL 2022

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**ASTI Feynman Challenge (AFC) 2022**



The ASTI Feynman Challenge (AFC) is an online project first developed and implemented during the MCO period in 2020. AFC requires a team of two people or more (involving parents, child, brother, sister or friends); where you can work on the challenge from home!

In AFC, you have to invent something simple that you use to teach a scientific principle you have learnt at school.

Don't miss the chance to participate in this invention challenge.

Join our Virtual Launch of ASTI FEYNMAN CHALLENGE 2022 as per details and link below to know more about the competition.

Date: 13 April 2022

Time: 4.00 P.M.

Link: <https://bit.ly/3NOEJGC>



## ASTI Feynman Challenge 2022

ASTI received *Malaysian Incentive Community Empowerment (MyICE)* Grant from Ministry of Home Affairs for ASTI Feynman Challenge (AFC) 2022. The MyICE Grant presentation session was held on 17 March 2022 at Kuala Lumpur Convention Centre (KLCC).



## Young Inventors Challenge (YIC) Special Edition 2022

Theme: "Sustainable Development Goals (SDGs)"

### The Competition

The Young Inventors Challenge 2022 Special Edition (YIC 2022) is our 10th Invention/Innovation competition which aims to encourage secondary school students aged 13 - 17 to cooperate as a team (2-5 students) to find innovative solutions to current day problems. As the organizers of the YIC, ASTI (Association of Science Technology and Innovation), would like to continue with Young Inventors Challenge Special Edition for the 2nd year in 2022 due to the uncertain situation of Covid-19 pandemic and travel restrictions. Therefore, YIC 2022 will be conducted Online via Proposal Submission, Invention Pitch Video and Report Submission.

### The Objective

The objectives of YIC are:

- To develop future inventors.
- To give an opportunity to young and future inventors to develop and present their inventions.
- To help and train young inventors to experience the inventive cycle, from conceptualisation to product/prototype.
- To introduce the idea of "using inventions as a means to make a positive change in society".
- To train young people in Problem Identification and Solution finding.

### The Benefits to the Participants

By participating in YIC, the participants would also:

- Produce an original invention and receive recognition for participating in the event.
- Develop creative and innovative thinking skills.
- Develop teamwork dynamics to solve problems.
- Use resources such as the internet, library and experts to hone their research skills.
- Learn to document their invention project.
- Enhance self-esteem and confidence.
- Acquire public presentation and writing skills.

### Who Can Participate?

- Young people aged between 13 and 17 (Form 1 to 5).
- A team consisting of 2 - 5 young people.
- Teams made up of different cultural background (Highly Encouraged).

### The Awards

- 1 X Platinum Award - RM 2500 with Digital Certificates
- 2 X Gold Awards - RM 1500 each with Digital Certificates
- 7 X Silver Awards - RM 750 each with Digital Certificates
- 10 X Bronze Awards - RM 400 each with Digital Certificates
- All participants will be awarded Digital Certificates of Participation.

### What the TERMS 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 that we are facing, including those related to poverty, inequality, climate, environmental degradation, prosperity, peace and justice and many more. 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 to a certain level, 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 report and pitch video are 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?

- 30 APRIL 2022** Form a Team of 2 to 5 people aged 13-17 years old and Submit Registration via google form link (<https://forms.gle/8E1K1010Q4kma55z>) or email registration form to [yic2510@gmail.com](mailto:yic2510@gmail.com)
- 30 APRIL - 27 MAY 2022** ASTI emails out Young Inventors Challenge Students Manual and Proposal Writing Guidelines. Develop the Invention Proposal following the format given in the Students Manual and Proposal Writing Guidelines
- 27 MAY 2022** Submit invention proposal via google form link (<https://forms.gle/K9WYUD7p8l3oeoXVA>) or email to [yic2510@gmail.com](mailto:yic2510@gmail.com)
- Mid JUNE 2022** Shortlisted teams will be notified via email
- JUN - AUG 2022** Shortlisted teams will be guided with Online Training
- JUL - AUG 2022** 2 months to develop "Working Prototype"
- 26 AUG 2022** Shortlisted Teams submit: 1) Invention Pitch Video 2) Project Report
- Mid OCT 2022** Viva session with the top 20 teams
- NOV 2022** Winners Announcement

**For Registration and More Details Please Visit:**  
[www.asti.org.my/yic2022](http://www.asti.org.my/yic2022)

For further details, kindly contact Ms. Yanitha Yasu via email to [yic2510@gmail.com](mailto:yic2510@gmail.com) or WhatsApp to 014-7124217

For more details, kindly visit the link provided below:

<https://www.asti.org.my/yic2022/>



## School Level Science Fair for Young Children 2022

School Level Science Fair for Young Children 2022 for SJKTs was launched on 5 April 2022. Kindly visit the link below to watch the virtual event and steps to participate.

Link: <https://rb.gy/mdh9t2>



## English Course

We are proud to launch a special deal for ASTI Alumni. Use the portal to learn English from a reputable English language learning centre in the United Kingdom.