



Republic of the Philippines
Department of Education
Region III
SCHOOLS DIVISION OF BULACAN

April 07, 2022

Division Advisory
No. 014, s. 2022

To : Public and Secondary School Heads
All Others Concerned

From : The Schools Division Superintendent

Subject : 10th Young Investors Challenge (YIC) 2022

Attached is the Regional Advisory No. 054, 2022, and the letter from Ms. Gina A. Jamoralin, PhD, Assistant Secretary, Department of Foreign Affairs – Office of International Economic Relations on the above subject, for information and guidance.


ZENIA G. MOSTOLES, EdD, CESO V
Schools Division Superintendent



Address: Provincial Capitol Compound, Brgy. Guinhawa, City of Malolos, Bulacan
Website: <https://bulacandeped.com>
Email: bulacan@deped.gov.ph



Republic of the Philippines
Department of Education
 OFFICE OF THE UNDERSECRETARY

DepEd SDO of Bulacan Office of the SDS

RECEIVED
 APR 07 2022
 By: *[Signature]*
 Time: *10:50*

MEMORANDUM

TO : ALL REGIONAL DIRECTORS
 MINISTER OF BASIC, HIGHER, AND TECHNICAL
 EDUCATION, BARMM

FROM : *[Signature]*
ATTY. REVSEE A. ESCOBEDO
 Undersecretary
 Field Operations, Palarong Pambansa Secretariat, and DEACO

SUBJECT : **INVITATION TO THE YOUNG INVESTORS CHALLENGE (YIC) 2022**

DATE : March 14, 2022

This Office respectfully endorses the attached letter addressed to Secretary Leonor Magtolis Briones from Gina A. Jamoralin, Ph.D., Assistant Secretary, Office of International Economic Relations, Department of Foreign Affairs (DFA), dated March 4, 2022, regarding the invitation from the Association of Science, Technology, and Innovation (ASTI) of Malaysia to participate in the 10th Young Investors Challenge (YIC) which was received by the Philippine Embassy (PE) in Kuala Lumpur.

ASTI is a non-government and non-profit organization which aims to empower young children's interest in science by allowing them to explore scientific ideas on their own. The aforementioned event, with the theme "Sustainable Development Goals (SDGs)", will be held in a series of scheduled events commencing in April 2022. Furthermore, it intends to inspire secondary school students aged 13 to 17 to work together as a team to solve current-day challenges.

The deadline of submission for participating teams is April 30, 2022. Entries may be submitted online thru <https://forms.gle.BR1KJRJUQiAnuAst5>, or by email to yic2510@gmail.com with the completed registration form. More information about the event may be found on the website: <https://www.asti.org.my/vic2022/>.

For immediate and wide dissemination.

Thank you very much.

RECORDS SECTION, REGIONAL OFFICE No. 1
RECEIVED
 APR 06 2022

Office of the Undersecretary for Field Operations, Palarong Pambansa Secretariat, Department of Education, Central Office, Meralco Av. Tel. No: (02) 631 84 92 Fax No: (02) 633 53 13 Email: usec.regops@deped.gov.ph

Advisory
 No. *054*, s. 2022
 To: All Schools Division Superintendents
 For information.
[Signature]
MAY B. ECLAR, PhD, CESO III
 Regional Director



Kuala Lumpur PE <kualalumpur.pe@dfa.gov.ph>

INVITATION TO PARTICIPATE IN YOUNG INVENTORS CHALLENGE (YIC) 2022 SPECIAL EDITION

1 message

Young Inventors Challenge <yic2510@gmail.com>
To: kipe_malaysia@yahoo.com, kualalumpur.pe@dfa.gov.ph

Mon, Feb 7, 2022 at 3:08 PM

Dear Sir/Madam,

RE: INVITATION TO PARTICIPATE IN YOUNG INVENTORS CHALLENGE (YIC) 2022 SPECIAL EDITION

It is with great pleasure, on behalf of Association of Science, Technology and Innovation (ASTI); we would like to invite students from your country to take part in Young Inventors Challenge 2022 Special Edition. The challenge is team based and the team members can come from more than 1 school. The prestigious event is based on proposals received, and the shortlisted best proposals will be chosen by more than 100 expert judges. These teams will be invited to participate in the final competition by submitting Invention Pitch Video and Project Report via Online.

The Association of Science, Technology and Innovation (ASTI) is a non-governmental and non-profit oriented organization (NGO) working towards empowering young childrens' interest in science through the act of doing where learning is achieved from discovering scientific principles themselves. In order to achieve this vision we have experimented with various projects and have successfully gained traction on programmes such as the Science Fair for Young Children (SFYC), **Young Inventors Challenge (YIC)**, ASTI Feynman Challenge (AFC), ASTI Leap Challenge (ALC), and ASTI outreach programmes.

Each of these programmes are interlinked in order to provide a platform for participation for a child that is holistic and inclusive in nature depending on the individual stage of development. Some programmes are skills learning in nature and some are to demonstrate maturity and ability in taking on scientific problems.

In particular, **YIC** requires teams of up to 2-5 members to put their minds together and come up with an invention. The purpose of the programme is to build and encourage the creative and inventive capability of young people. We started this programme in 2013 as a pilot where 12 teams participated from 12 schools and the response have been remarkable ever since - we have been growing almost exponentially with over 150 shortlisted teams participating every year.

ASTI introduces YIC Special Edition in 2020 due to Covid-19 outbreak and in 2021, we proceed with the Special Edition with online mode for the 2nd year. YIC 2020 and 2021 received almost to 350 applications from Malaysia, Indonesia, Brunei, Singapore, Thailand, Philippines and Timor Leste. Last year we were also honoured by a special address by NASA (USA) at our finals. Therefore, for 2022, we would like to continue with Young Inventors Challenge Special Edition again as the situation of Covid-19 pandemic is uncertain and we envisage travel between countries to be minimal in 2022.

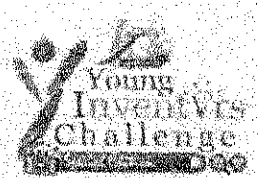
This year, **YIC 2022** is our 10th consecutive year and the theme is **Sustainable Development Goals (SDGs)** where we hope to see inventions that can cause a positive change and create more sustainable future for all.

Below are the guidelines for participation as shown below:

Steps	Activities	Deadlines
Step 1	Form a Team of 2 to 5 people aged 13-17 years old and Submit Registration via google form link (https://forms.gle/BR1KJRJUQiAnuASt5) or email registration form to yic2510@gmail.com	30 April 2022
Step 2	ASTI emails out Young Inventors Challenge Students Manual and Proposal Writing Guidelines. Develop the Invention Proposal following the format given	30 April-27 May 2022



Pertubuhan Sains, Teknologi dan Inovasi (PPM-012-10-25102012)
No. 16A, Jalan 21/12, Sea Park, 46300 Petaling Jaya, Selangor
Tel: 03-78778571/03-78655557 Email: yic2510@gmail.com
Website: www.asti.org.my



4 February 2022

HIS EXCELLENCY CHARLES C. JOSE
AMBASSADOR
EMBASSY OF PHILIPPINES IN KUALA LUMPUR
NO. 1 CHANGKAT KIA PENG,
50450 KUALA LUMPUR, MALAYSIA

Dear Excellency,

RE: INVITATION TO PARTICIPATE IN YOUNG INVENTORS CHALLENGE (YIC) 2022 SPECIAL EDITION

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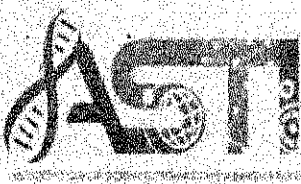
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Step 2	ASTI emails out Young Inventors Challenge Students Manual and Proposal Writing Guidelines. Develop the Invention Proposal following the format given in the Students Manual and Proposal Writing Guidelines.	30 April-27 May 2022
Step 3	Submit invention proposal via google form link (https://forms.gle/K9WYUD7p8UorcoXVA) or email to yic2510@gmail.com	27 May 2022
Step 4	Shortlisted teams will be notified via email	Mid - June 2022
Step 5	Shortlisted teams will be guided with Online Training	June - August 2022
Step 6	2 months to develop "Working Prototype"	July - August 2022
Step 7	Shortlisted Teams submits 1) Invention Pitch Video 2) Project Report	26 August 2022
Step 8	Viva session with the top 20 teams	Mid October 2022
Step 9	Winners Announcement Online Live Event	November 2022

Please refer to attached Young Inventors Challenge Flyers for more information or visit <https://www.asti.org.my/yic2022/>. On behalf of ASTI, we are hoping that you could disseminate this information to your country's Ministry of Education and we look forward the participation from your country.

For further details, kindly contact Ms. Vanitha Vasu via email to yic2510@gmail.com or WhatsApp to 014-7124217.

Yours Sincerely,

Mr. Anandan Shanmugam
Project Director
YIC 2022

Yours sincerely,

Dr. Mohamed Yunus bin Mohamed Yasin
President
ASTI



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 3rd 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

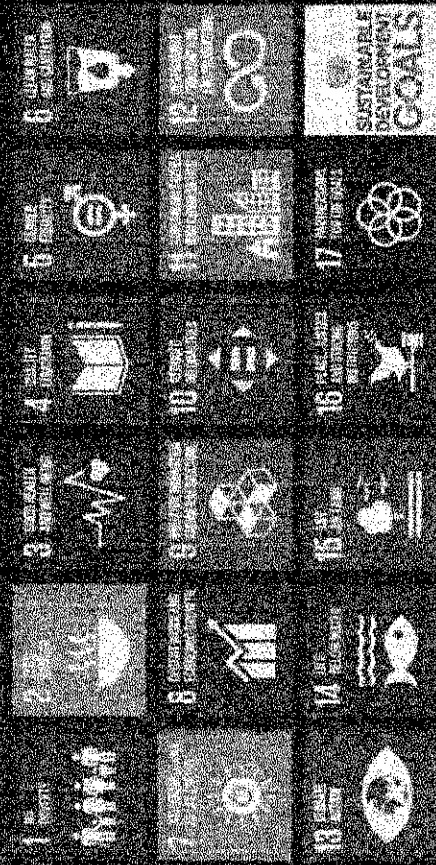
- 1 X Platinum Award - RM 2500 with Digital Certificates
- 2 X Gold Awards - RM 1500 each with Digital Certificates
- 7 X Silver Awards - RM 750 each with Digital Certificates
- 10 X Bronze Awards - RM 400 each with Digital Certificates
- All participants will be awarded a Digital Certificates of Participation

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 that we are facing, including those related to poverty, inequality, climate, environmental degradation, prosperity, peace and justice and many more. There are 17 SDGs.

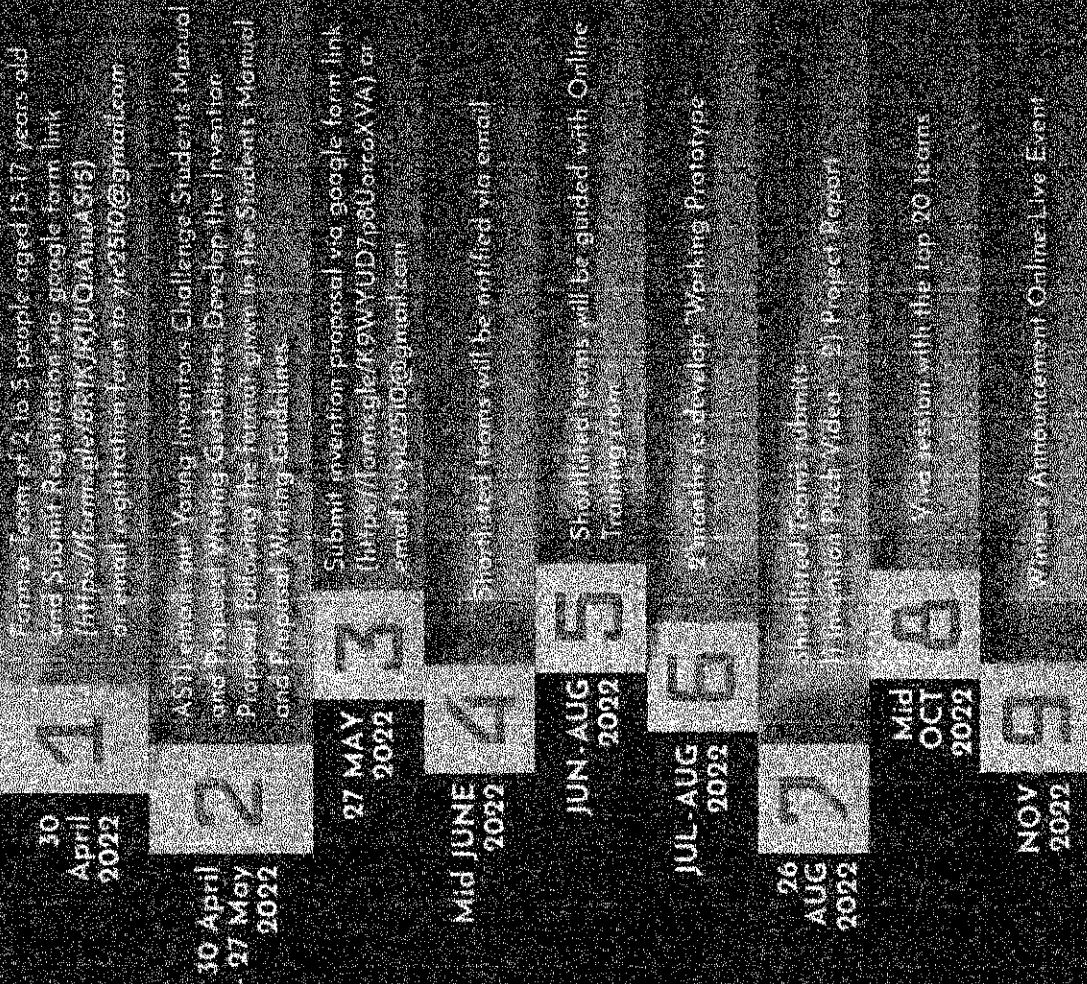
This year's YIC theme is: Invention to address issues discussed in Sustainable Development Goals (SDGs). You are required to invent a product and/ or process that is able to provide resolution to a certain level, and have an impact on Sustainable Development Goals (SDGs).

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?



For Registration and More Details Please Visit:
www.asti.org.my/yic2022

For further details, kindly contact Ms. Vanitha Yasu via email to yic2510@gmail.com or WhatsApp to 014-7124217





	In the Students Manual and Proposal Writing Guidelines.	
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Best Regards,
 Vanitha Vasu
 Project Manager
 Association of Science, Technology and Innovation
 Tel:03-78778571
 Fax:03-78729551
 Email:yic2510@gmail.com
 Website:<https://www.asti.org.my/>

4 attachments

-  **YIC 2022 Proposal Format.pdf**
85K
-  **YIC 2022 Registration Form.pdf**
87K
-  **YIC Special Edition 2022_Flyer.pdf**
2920K
-  **YIC Flyers Distribution Cover Letter_EMBASSY OF PHILIPPINES IN KUALA LUMPUR.pdf**
289K

**Young Inventors Challenge
Proposal Format**

State/Country:	
School Name:	
Team Name:	
Team Members Name:	
Your Invention addresses which SDG? Please select (✓) the appropriate box (You can select more than 1)	<input type="checkbox"/> 1. No Poverty <input type="checkbox"/> 2. Zero Hunger <input type="checkbox"/> 3. Good Health and Well-being <input type="checkbox"/> 4. Quality Education <input type="checkbox"/> 5. Gender Equality <input type="checkbox"/> 6. Clean Water and Sanitation <input type="checkbox"/> 7. Affordable and Clean Energy <input type="checkbox"/> 8. Decent Work and Economic Growth <input type="checkbox"/> 9. Industry, Innovation, and Infrastructure <input type="checkbox"/> 10. Reducing Inequality <input type="checkbox"/> 11. Sustainable Cities and Communities <input type="checkbox"/> 12. Responsible Consumption and Production <input type="checkbox"/> 13. Climate Action <input type="checkbox"/> 14. Life Below Water <input type="checkbox"/> 15. Life On Land <input type="checkbox"/> 16. Peace, Justice, and Strong Institutions <input type="checkbox"/> 17. Partnerships for the Goals
Title of Invention:	Give your invention/innovation a short name/title.
Objectives:	What problem are you solving? What value are you adding? Briefly describe.
Theme:	Briefly explain how your invention/innovation relates to the theme?
Originality:	Your invention/ innovation must be original. Plagiarism will be penalised or disqualified.
Description:	Describe how your invention/innovation meets your objectives and how it would be implemented in a practical application. Describe the usefulness of your invention/innovation. You may present your description in simple point form. Describe how your proposed solution based on scientific evidence or scientific fundamentals.
Drawings:	Your drawings must be simple line drawings that clearly illustrate your invention/innovation.

Based on the gathered information, prepare a proposal based on the following guidelines:

1. Number of pages: Strictly not exceeding 5 pages including diagrams and references
2. Paper size: A4
3. Font type: Times New Roman
4. Font size: 12 points

YOUNG INVENTORS CHALLENGE 2022 (YIC 2022)

REGISTRATION FORM

COUNTRY:	
STATE:	
SCHOOL NAME WITH FULL ADDRESS:	
TEAM NAME:	
MENTOR/TEACHER NAME:	
MENTOR/TEACHER CONTACT NUMBER:	
MENTOR/TEACHER EMAIL ID:	
NO	PARTICIPANT'S NAME
	AGE

COMPLETE THIS FORM AND EMAIL TO

yic2510@gmail.com