



Young
Inventors
Challenge
2018

Theme:
"Inventions to Serve..."



WHAT IS THIS COMPETITION?

The Young Inventors Challenge 2018 is an Invention/Innovation competition which aims to encourage secondary and high school students aged 13 - 17 to cooperate as a team of 4-5 students to find innovative solutions to current-day problems.

Additionally Paper Writing Competition and Invention Pitch Video Competition will be conducted upon interest.

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.

WHO IS THE ORGANIZER?

WHAT IS THE OBJECTIVE OF THE COMPETITION?

- To develop future inventors.
- To give an opportunity to young and future inventors to develop and showcase their inventions.
- To help young inventors to experience the inventive cycle, from conceptualisation to product/prototype.
- To introduce the idea of *"using inventions 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 or high school students aged between 13 and 17 (Form 1 to 5).
- A team of 4 - 5 young people.
- Teams made up of different races are highly encouraged.
- Able to do proposal and presentation in the English Language.

Invent or Innovate Product or Processes based on the theme *"Inventions to Serve..."*

- ♥ The invention should be able to serve people, animals, plants and environment.
- ♥ The invention should be able to make a positive change to people and/or culture and/or animal and/or the environment.
- ♥ A prototype of the actual invention or a small-scale model of the invention and a write-up explaining the details of the invention are required.

WHAT TEAMS HAVE TO DO?



WHAT ARE THE AWARDS?

- ♥ 3 Best Proposals will receive RM 500, RM 300 and RM 200 respectively
- ♥ 1X Platinum Award - RM 2500 with Certificates, Trophy and Challenge Trophy
- ♥ 2 X Gold Awards -RM 2000 each with Certificates and Trophy
- ♥ 3 X Silver Awards -RM 1500 each with Certificates and Trophy
- ♥ 4 X Bronze Awards-RM 1000 each with Certificates and Trophy
- ♥ All participants will be awarded a Certificate of Participation.

HOW TO PARTICIPATE?

Form a Team of 4 or 5 people



Email (yic2510@gmail.com) /Fax (03-78778571) your team's details with the following information by the **28 February 2018**

School Name & State:		
Team Name:		
Mentor/teacher Name:		
Mentor/teacher Contact Number:		
Mentor/teacher Email Id:		
No	Participant's Name	IC Number/Passport Number
1		
2		
3		
4		
5		



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



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



Submit invention proposal to ASTI by the **28 March 2018**



Shortlisted teams will be notified via email by **30 April 2018**



Shortlisted teams will be guided with Online Training **May -June 2018**



3 months to develop inventions



Inventions prototype showcased at the **Grand Finale in September 2018**

For further details, kindly contact:

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