



# NEWSLETTER

JUNE 2021

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### **ASTI Feynman Challenge (AFC)**

We are conducting ASTI Feynman Challenge (AFC) second year in row. Below is the update of AFC registration:

| No | Country      | No. of Team |
|----|--------------|-------------|
| 1  | Malaysia     | 629         |
| 2  | India        | 4           |
| 3  | Philippines  | 2           |
| 4  | Singapore    | 8           |
| 5  | Thailand     | 3           |
|    | <b>Total</b> | <b>646</b>  |

We have received 80 video submission as at 8 June 2021.

Video submission deadline is **21<sup>st</sup> June 2021!**

## Local education group designs UK-wide project with Cambridge University

PETALING JAYA: Despite prolonged school closures worldwide, a Malaysian education group has demonstrated that the show must go on by creating a scientific invention competition for the UK in partnership with Cambridge University.

Called the Davidson Inventors Challenge (DIC), Malaysia's Association of Science, Technology and Innovation (ASTI) designed the entire project remotely due to international travel restrictions.

[To read more, please visit the below link ...]

<https://www.freemalaysiatoday.com/category/nation/2021/05/27/local-education-group-designs-uk-wide-project-with-cambridge-university/>



*The list of the winners are as below:*

**'AdMeliora'** crowned winners of our Davidson Inventors Challenge 2021

- The team of Year 12 students, from The Tiffin Girls School in Kingston upon Thames, developed a biodegradable face mask, made from potato starch.

*Runners up:*

- **Geobetter** (Year 11, Sacred Heart High School, Newcastle upon Tyne), who developed the Geobattery, which uses nanowires of geobacter bacteria biofilms to generate sustainable and affordable electricity.
- **The Hydroponics** (Year 12, Brighton College, Brighton), who developed a solar-powered cooker and water boiler to provide a cheap and sustainable way to sanitise water in sub-Saharan Africa.
- **SCEEM** (Year 12, South Hampstead High School, London), who developed a skin-tone calibrated pulse oximeter that addresses racial bias in current pulse oximeters, used, among other things, to test for hypoxia in COVID-19 patients.

[To read more, please visit the below link ...]

<https://www.ceb.cam.ac.uk/news/davidson-inventors-challenge-final-winners>

**MATH MONDAYS with AHA #AHAWORKSHOP**

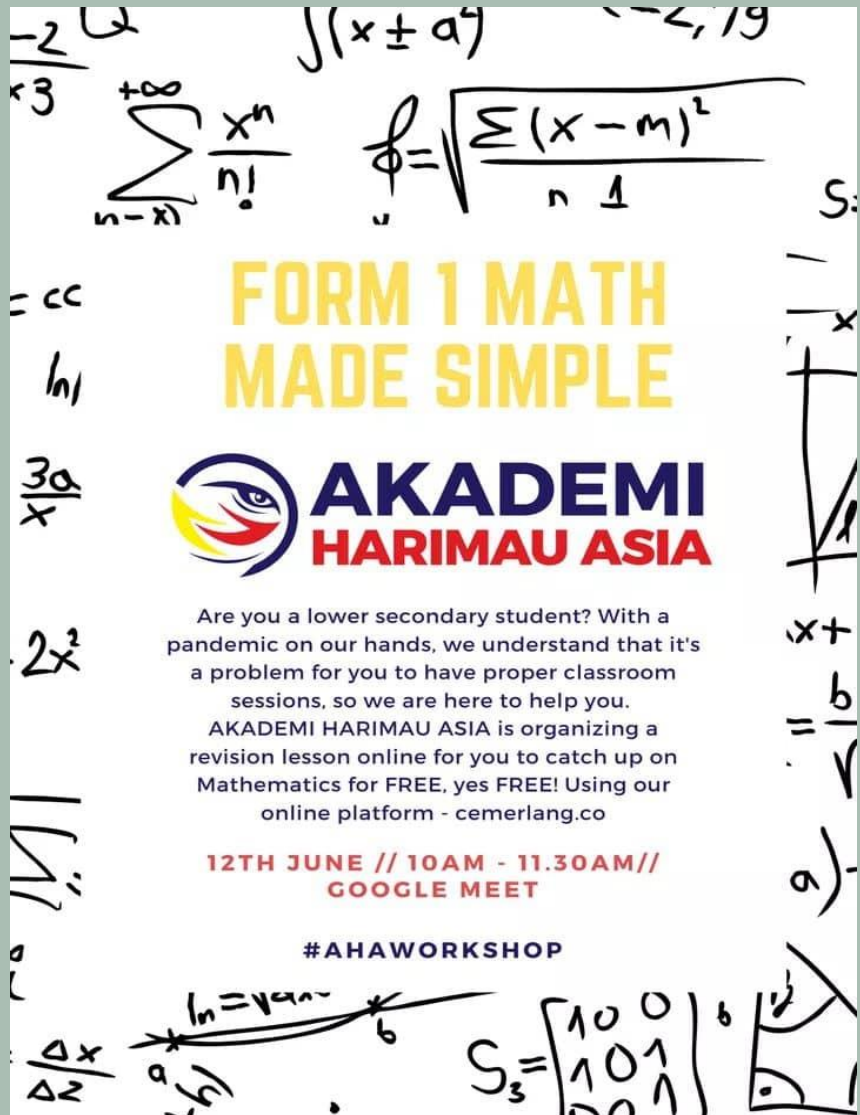
ASTI collaborates with other organisations under ASTI's Recovery Projects (ARP) to highlight innovative projects to help our students catch up on their learning process during this difficult times. One such collaboration project is MATH MONDAYS with Akademi Harimau Asia (AHA) #AHAWORKSHOP.

Calling all (SMK) lower secondary (Form 1 - Form 3) students! Having a problem understanding Math? AHA will be organizing a revision lesson for Math to help you keep up with your learning for FREE! Yes, we are organizing this for FREE and we want to HELP you! So what are you waiting for?

If you are (or know somebody) in need of this lesson, share this with them! Register now for your slot! Class details as follows:-

Date: 12th JUNE 2021 (Saturday)  
 Time: 10.00 am  
 Platform: Google Meet  
 Lesson Platform: cemerlang.co

Register at: <https://forms.gle/PYF6Tg81YNasLhGt6>



**FORM 1 MATH  
MADE SIMPLE**

**AKADEMI  
HARIMAU ASIA**

Are you a lower secondary student? With a pandemic on our hands, we understand that it's a problem for you to have proper classroom sessions, so we are here to help you. AKADEMI HARIMAU ASIA is organizing a revision lesson online for you to catch up on Mathematics for FREE, yes FREE! Using our online platform - cemerlang.co

**12TH JUNE // 10AM - 11.30AM//  
GOOGLE MEET**

**#AHAWORKSHOP**