

A Movement that launched a Myriad Activities!

The school launched a movement for reading starting from

19 June, celebrated as the NATIONAL READING DAY in honour of the father of the Library Movement, the late P.N. Panicker. A plethora of activities were conducted to promote the culture of reading. The day started with intensive reading of the newspaper with the reports becoming the basis of numerous activities related to English language like notice writing, report writing, letter to the editor etc. The children had a field day assimilating information gathered from the newspaper and giving it a new form.

Great Going Agarsainians!!!

hindustantimes

Self-cleaning mask that can kill viruses when plugged to phone charger developed

HAIFA: Israeli researchers say they have invented a reusable face mask that can kill the coronavirus with heat by drawing power from a mobile phone charger.

The disinfecting process takes about 30 minutes — and users should not wear the mask while it is plugged in, said Professor Yair Ein-Eli, who led the research team at Technion University in Haifa.

The new mask has a USB port that connects to a power source such as a standard cellphone charger that heats an inner layer of carbon fibres to up to 70 degrees Celsius (158 degrees Fahrenheit), high enough to kill viruses.

Ein-Eli said disposable masks, in high demand globally during the health crisis, were not economically or environmentally friendly. “You have to make it reusable and friendly, and this is our solution,”



■ The new mask heats up an inner layer of carbon fibres to kill the virus **REUTERS**

he said about the invention.

The prototype looks like a standard N95 face mask, with a valve at the front and rubber bands to hold it in place around the head. **REUTERS**

The news that turned into a Notice and a Report

MAHARAJA AGARSAIN PUBLIC SCHOOL

NOTICE

19 June 2020

SELF CLEANING MASKS AVAILABLE

All the students and parents are hereby informed that a “Self-Cleaning Mask” developed by the students in the ATL lab will be available for sale at the school reception from 1st July 2020 during the school hours at Rs. 150 per piece. 10% discount will be allowed for a pair or more. The mask heats up and kills corona virus using a mobile charger. It is reusable and is economical and environmentally friendly.

For more information visit the school website.

Khushwant Singh

Secretary

Interact Club

Self-Cleaning Masks Developed by the Young Minds

By Riya

The students of Maharaja Agarsain Public School have successfully developed a reusable "Self Cleaning Mask" that can kill the corona virus with the heat drawing from a mobile phone charger on Monday. It was successfully tested in the ATL Lab of the school the following day.

The research group included the innovative students of class 11th and 12th, namely Ranveer Singh XI-A, Deepika Padukone XI-A, Kriti Sanon XII-B, Rajkumar Rao XII-A. According to Mr. John Wilson who led the research group, the disinfection process takes 30 minutes and users should not wear it while it is plugged in. The mask has a USB port that connects to a standard cell phone charger with C-type pin. The mask has an inner lining of carbon fibres that heats up to 70° C enough to kill the virus. The students during the interview said that during the global health crisis, there is a high demand and need for masks which are not reusable and thus not economically and environmentally friendly. They said that this is their solution which is reusable and friendly. The prototype looks like a N-95 mask with a valve in the front and rubber bands to hold it on the head.

The research group has received tremendous applause and acknowledgement from the whole nation for their remarkable feat. The mask has been selected in the International Science Research Project, IRIS, ISEF and the national science exhibition. The school authorities have decided to honour them through an online programme. The mask is now available for sale at the school reception during the school hours.



In recent decades, people have increasingly encroached upon the natural world, resulting in escalating levels of contact between humans, livestock and wildlife. AP FILE

Press Trust of India

New Delhi : As the world grapples with coronavirus pandemic, a new report said wildlife trade and deforestation have led to more human-animal interaction resulting in the emergence of new zoonotic disease outbreaks.

The World Wide Fund (WWF) for Nature, in its report, called for urgent global action to address the key drivers which will cause future zoonotic disease outbreaks.

"In recent decades, people have increasingly encroached upon the natural world, resulting in escalating levels of contact between humans, livestock and wildlife. As a result, the frequency and number of new zoonotic diseases, originating in animals and transmitted to people, has risen drastically over the last century. "Every year, around three to four new zoonotic diseases are emerging. These new diseases pose a grave threat to human health, causing deadly pandemics including HIV/AIDS, Severe Acute

The report that launched letters to editors in protest

