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STUDENT EDITION

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WEB EDITION

A programme on cyber security for children, educators



Facebook-owned messaging app WhatsApp has partnered with CyberPeace Foundation(CPF) to create awareness on cyber safety among students. WhatsApp said, the partnership aims to reach out to about 15,000 students in five states, including Delhi, Madhya Pradesh, Bihar, Jharkhand and Maharashtra, by the end of this year as part of a pan-India programme.

- CyberPeace Foundation will train teachers, parents and students, using a co-created curriculum to increase online safety for children in consultation with UNICEF and state police authorities
- The curriculum that has been developed by WhatsApp and CPF will focus on the developmental skills, and will provide consultation with education boards, and governments at the state and the national level

AVIATION ACCOUNTS for 3.5% of human's impact on GLOBAL WARMING!

Wondering how's our air travel linked to global warming? Well, if a latest study is to go by, the aviation impact on global warming has doubled in the past two decades. Using computer models, the researchers found that flying is responsible for about 3.5 per cent of humanity's contribution to climate change, and two-thirds of it is from contrails and other non-CO2 emissions. Contrails, include water vapour and nitrous oxide.

DID YOU KNOW?

1 The researchers said that between 1940 and 2018, the world-wide aviation industry generated 26 billion tons of carbon dioxide, half of which was generated in the last 20 years

2 Contrails, formed by the soot and exhaust fumes, spewed out by jet engines, have played a bigger role in shooting up the carbon footprints

3 They, along with other non-CO2 emissions, are responsible for two-thirds of the industry's impact on climate change, the researchers added

HOW ARE CONTRAILS RESPONSIBLE FOR GLOBAL WARMING

- According to a report in Daily Mail, contrails are formed at high altitudes, when water vapour condenses and freezes around the jet exhaust
- These artificial 'clouds' can linger for seconds or hours, depending on the temperature and humidity, and their impact is complex and sometimes contradictory
- Contrails warm the planet by reflecting the heat back to the Earth, but they also have a lesser cooling effect by reflecting sunlight back into the space
- They've been blamed for everything- from severe weather phenomenon to respiratory illnesses and homosexuality
- Re-routing flights could help avoid creating contrail cirrus, but would mean longer flights and more fuel burnt, producing more greenhouse gas emissions

HERE'S WHY YOU SHOULD HELP OTHERS



In a latest study, researchers have revealed that performing acts of kindness and helping other people can be good for people's health and well-being. According to the study, the strength of the link depends on many factors, including the type of kindness, the definition of well-being, and the giver's age, gender and other demographic factors. Random acts of kindness, such as helping an older neighbour by carrying their groceries, are more strongly-associated with the overall well-being than formal pro-social behaviour, such as scheduled volunteering for a charity.

Previous studies have suggested that people, who engage in more pro-social behaviour are happier, and have better mental and physical health than those who don't spend as much time helping others

CHANDRAYAAN-3 LAUNCH MAY TAKE PLACE IN EARLY 2021



Chandrayaan-3, India's mission to Moon, is likely to be launched in early 2021, Union minister Jitendra Singh said on Sunday. However, unlike Chandrayaan-2, it will not have an orbiter, but will include a lander and a rover, he added. Meanwhile, preparations are on for India's first-ever human space mission, Gaganyaan, he informed. The training processes and other procedures are also in place.

- After the hard landing of Chandrayaan-2 in September last year, ISRO had planned another mission to the Moon later this year
- However, the coronavirus pandemic and the lockdown have hit several of ISRO's projects and delayed missions like Chandrayaan-3

FACTOID \$20 MN

■ The Box Office collection of Hollywood film, 'Tenet', in the first five days in North America. 'Tenet' is the first major Hollywood release in six months as the movie theatres struggle to return to normal, courtesy Covid-19. With a production budget of \$200 million, the film's early rollout represented a major gamble for the producers.

NEWS IN BRIEF

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ENTERTAINMENT

Character of Batman thrives on reinterpretation: Christopher Nolan

Filmmaker Christopher Nolan has said that reinterpretation is necessary to do justice to the character of Batman on the big screen. In an interview, Nolan, best known for his 'Dark Knight' trilogy, said that he believes that the superhero character "thrives" on a director's vision, and how he executes it. "One of the first things, I learnt when we went to talk to the DC guys before 'Batman Begins' is that the character of Batman thrives on reinterpretation," Nolan said. "Each generation creates its own version. That's what keeps the legend fresh," he added.

His three films, 'Batman Begins' (2005), 'The Dark Knight' (2008) and 'The Dark Knight Rises' (2012) were lauded by critics and raked in big numbers at the global box office

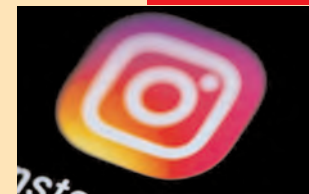


Instagram launches a separate Reels tab for users in India

Two months after launching the short video format Reels in India, Facebook's photo sharing app, Instagram, has launched a separate tab for Reels only for the Indian users, the company said. Since the launch, Instagram has partnered with MTV for their home sporting event, MTV Home Games, where participants had to participate in an exclusive reels challenge.

India is the first market, where the company is launching the Reels tab due to the 'interest' and 'creativity' it has seen here, and is planning to integrate more tools in future, Manish Chopra, director and head of partnerships at Facebook India, said

TECH BUZZ



THAT ARE ONLY A MINUTE-LONG

MIGRATION

1 This short film by Andrey Levkovitch is simple and stunning. It features a flock of red balloons on a snowy field wandering wherever the wind blows them, and while it's contemplative instead of plot-driven, the final sequence delivers a delightful how-did-he-do-it magic trick of beauty.

M22

2 A truly eyebrow-raising entry, this short film blends alienating imagery with the very mundane to an excellent effect - a bit like shoving alternative universes inside the nooks and crannies

FISH SUPPER

3 It is a quirky mini-doc about a shabbily-dressed old man, who fishes for eels every day on the Thames River. The movie takes us on a brief (yet complete) journey of a hobby of a man, and how it drives him all the time

THE EXPLORER

4 A one-minute-long film by Alexander Vestnesstrømen and Ola Martin Fjeld from Norway, 'The Explorer' is about a man, who wants his little brother to stop bothering him, while he works on an elaborate system of mirrors for a highly-important mission. Smartly edited, it keeps the audience hooked with interesting punch lines.



SPEEDBOAT THAT FLIES ON WAVES MAKES DEBUT

FEATURES

The world's first electric-powered hydrofoil speedboat, which reduces energy consumption and noise- as well as sea sickness- by "flying" above the waves, has made its debut on Switzerland's lakes...

COST
The boat, which costs around **250,000 euros (\$296,000)**, would be a good fit for Switzerland's lakeside cities, like Zurich, Lucerne and Geneva

➤ Called Candela Seven, the boat can hit speeds of 55 km per hour, when its foils lift it out of the water. Its manufacturers say, it travels further and smoother than any other electric boats. The foils reduce water friction, and the effect of waves slamming into the boat, thereby cutting energy consumption by 80% compared to normal diesel-powered boats and

extending the craft's range to 90 km. ➤ The carbon fibre boat also carries an onboard computer, which automatically adjusts the foil positions 100 times per second to reduce rolling and sea-sickness. ➤ Until now, electric boats have tended to sacrifice either speed or range because of the capacity limits of their batteries.

