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STUDENT EDITION

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WEB EDITION

PM Modi launches week-long campaign to free India of garbage



Together, we have to move forward ... preparing compost out of dirt, water recycling, getting rid of single-use plastic

NARENDRA MODI, PM

PM Narendra Modi has launched a week-long garbage-free India campaign, in the run up to the Independence Day, and asserted that the Swachh Bharat Mission has been a big support in the fight against Covid-19. Modi urged everyone, especially children, to follow the social distancing norms and wear masks to guard against the virus.

► The 'Gandagi-Mukt Bharat' drive began on Saturday, and would go on till the Independence Day to reinforce the ongoing campaign on cleanliness and sanitation ► The PM has urged the officials at the district level to construct toilets in all the villages under them and repair the existing facilities during the week

YOUR CORNER Be a part of the Gandagi-Mukt Bharat Drive and....

Share your experiences at toinie175@gmail.com or [timesnie175@gmail.com](https://www.timesnie175@gmail.com)

TABLETOP RUNWAY

X-PLAINED

WHAT

At least 18 people died and 16 were severely injured in Calicut (Kozhikode) on Friday, after a Boeing-737 overshoot a runway known as a 'table top' in the aviation industry. Tabletop runways are often constructed by excavating the peaks of the hills to create, what is known as a tabletop.

DID YOU KNOW? In May 2010, an Air India flight landing at the Mangalore airport overshoot the tabletop runway there, falling down a hillside and bursting into flames. Of the 166 people onboard, only eight survived. The inquest into the crash later blamed pilot error



HOW

Such runways have steep drops at one or both the ends, increasing the possibility of injuries and fatalities, if pilots under or overshoot their approach, either through human error or mechanical failure.

WHERE ARE THEY BUILT

They are most commonly found in mountainous areas, where flat land is scarce, or in low-lying areas, like Kozhikode, where space is at a premium, or there is a fear of water logging at the ground level.

WHY ARE THEY RISKY

Landing on these airports require accurate precision, with no room for errors. In other

Apart from Mangalore and Kozhikode, airports like Lengpui airport in Mizoram, Kullu and Shimla in Himachal Pradesh and Pakyong airport in Sikkim have tabletop runways

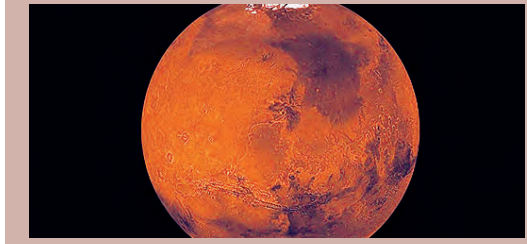
The tabletop runway at Kozhikode is around 2,700 metres-long, shorter than the 4,430 metres runway in New Delhi, though it is long enough for a narrow body aircraft like the Boeing-737 to land

words, landing on such a runway is considered a test of a pilot's skill, as it creates an optical illusion of the runway, being at the same level as the plains below it. Pilots have to ensure that their approach isn't too high or too low. Landing on these runways is trickier at night or in rain.



NEWS IN BRIEF

GLACIERS COULD HAVE SCULPTED MARS VALLEYS: STUDY



The question whether ancient life could have existed on Mars, centres on the water that once flowed there, but a new research suggests that many of the Red Planet's valleys were gouged by icy glaciers not rivers. The study, which comes amid a flurry of new Mars missions trying to discover if the now-barren planet ever hosted life, casts doubt on a dominant theory that the planet once had a warm, wet climate with abundant liquid water that sculpted the landscape.

The researchers examined more than 10,000 Martian valleys and compared the channels on the Earth that were carved under the glaciers

The findings suggest that some Martian valleys could have been formed some 3.8 billion years ago by meltwater beneath the ice sheets, which they said would align with the climate modelling, predicting that the planet would have been much cooler in its ancient past. The research comes after NASA launched its latest Mars rover, Perseverance, to look for signs of ancient microbial life on the Red Planet

GOOGLE UNVEILS ITS FIRST 5G PHONES, STARTING AT \$499

Alphabet Inc's Google has said that its first 5G-enabled phones, Pixel 4a (5G) and Pixel 5, will be available this September at a starting price of \$499 (₹ 37,365 approx). The company also cut the starting price for its smartphone lineup with a non-5G version of 4a priced at \$349 (₹ 26,129 approx), looking to broaden its appeal to the budget-conscious customers. Google's lower-priced devices have been the top sellers, but are far from being the major profit drivers. Higher-priced devices have gained little traction from the industry leaders, such as Samsung Electronics Co and Apple Inc, because of limited marketing and stiff competition.



UNVEILED

The 5G models will be available in the United States, Canada, UK, Ireland, France, Germany, Japan, Taiwan and Australia, Google said

► As an initial step, NASA will no longer refer to the planetary nebula, NGC 2392, the glowing remains of a sun-like star that is blowing off its outer layers at the end of its life, as the 'Eskimo Nebula'. 'Eskimo' is widely viewed as a colonial term with a racist history, imposed on the indigenous people of Arctic regions
► Similarly, the term, 'Siamese Twins Galaxy' used to refer to NGC 4567 and NGC 4568— a pair of spiral galaxies found in the Virgo Galaxy Cluster— will be renamed ► NASA said it will use only the official, International Astronomical Union designations in cases where nicknames are inappropriate

VIEWPOINT



NASA TO FIX 'HARMFUL' NICKNAMES FOR COSMIC OBJECTS

In a bid to do away with insensitive or harmful nicknames, NASA is examining its use of unofficial terminology for the cosmic objects. Most official documents have moved away from its use, NASA said.

WHY THIS MOVE

- "These nicknames and terms may have historical or culture connotations that are objectionable or unwelcoming, and NASA is strongly committed to addressing them," said Stephen Shih, associate administrator for diversity and equal opportunity, NASA. Science depends on diverse contributions and benefits everyone, so this means, we must make it inclusive, he added
- Nicknames are often more approachable and public-friendly than the official names for the cosmic objects, such as Barnard 33, whose nickname, 'the Horsehead Nebula' invokes its appearance
- But critics say often seemingly innocuous nicknames can be harmful and detract from science
- NASA said it will be working with diversity, inclusion, and equity experts in the astronomical and physical sciences to provide guidance and recommendations for other nicknames and terms for review
- The announcement came amid the Black Lives Matter movement gaining momentum worldwide

YOUR CORNER Share your views at toinie175@gmail.com

IPHONE 12 MAY COME WITH MAGNETIC ATTACHMENT WIRELESS CHARGING



► The technology is also expected to work with the reverse charging feature for iPhone 12 that would certainly allow the upcoming iPhone to compete with the likes of the Samsung Galaxy Note 20 Ultra and the Galaxy S20 series
► Apple is expected to launch four new iPhones under the iPhone 12 series, which would include two premium variants. Presently, it is not clear which model will come with this technology ► iPhone 12 Pro will come in 6.1-inch or 6.7-inch sizes, and may feature a high refresh-rate 120Hz ProMotion display, as presently seen on the iPad Pro

TECH BUZZ Apple is reportedly planning to introduce iPhone 12 with magnetic positioning that will move the phone automatically to the optimal position on the charging pad. According to a report, the magnets may not only provide a 'snap in' wireless charging system but might also be used for mounting purposes. With this feature, iPhone 12 will provide modular upgrades fitted through magnetic connection.

BE THE CHANGE

SAY YES TO REUSABLE MASKS
They are eco-friendly and are re-usable

SAY NO TO SINGLE USE MASKS
They pollute Mother EARTH

LET'S EMBRACE THE NEW NORMAL

MASK INDIA, SAVE INDIA

SHAYAN AHMAD, class, VI, C, OPG WORLD SCHOOL, DWARKA, Delhi, tells us why WE SHOULD USE REUSABLE MASKS

A GRATITUDE to our COVID WARRIORS



As they say, unprecedented times test your real character and our Covid warriors, who have risked their lives to keep us safe by working 24 x 7, have proved it in the last five months, becoming an inspiration for all of US. Let's join hands in showing our gratitude to the real heroes this Independence Day.

Share with Times NIE on how you plan to show your gratitude. Send in your article (50 words), video (less than 2 min), paintings, poems or any other way that can drive this campaign

THE LAST DATE OF ENTRY: **AUGUST 13, 5PM.** The top entries will be published in Times NIE!!!

New Guinea has the greatest variety of plants

Yes, you heard it right. New Guinea has the most diverse island plant life in the world according to researchers, who found, it had 20 per cent more flora than Madagascar or Borneo. In fact, according to Daily Mail, the researchers, who conducted a survey of 700,000 plant specimens from the southwestern Pacific island as part of a study into its ecosystem diversity, claimed that two-thirds of the species of plants found in New Guinea, are only found in that region—an area almost 20 times the size of Switzerland.



► The island has lowland jungles and high altitude grasslands, with peaks bigger than Mont Blanc in France, and among them they found 13,634 unique plant species.
► By far, the most species-rich family are the orchids; almost a third of the species listed as unique to the island were trees
► One particularly remarkable finding is that 68 per cent of the plants are endemic, and are only found in that region, which is 'unmatched in tropical Asia'

Undaunted Spirit in the Times of Covid



STAFF MEETING

Covid 19 has forced us indoors. The world, as we were habituated to, has undergone severe tectonic, paradigm shifts. Schools and colleges are closed and the government is grappling with a surging number of infections. We are in very uncertain times and have no clear idea when life will go back to normal. In such extenuating circumstances, Pioneer Education Trust's M.L.R.T. Gala Pioneer English School embarked on a novel journey to hold

world around us rather than concentrating on the syllabi and curriculum. Through video conferencing apps, the teachers connected to students and extra-curricular activities like Yoga and other health building exercises were taught. The school celebrated, Fathers' Day and a host of art and craft activities on the virtual space. While the pomp and fervour was definitely missing due to the lack of face to face contacts, still the celebrations were like a ray of silver

in the dark clouds brought about by the forced isolation and social distancing protocols.

Regular online classes have commenced from the month of June and students' participation in these classes have been extremely encouraging. The students being of this recent generation and being tech savvy in nature have started helping the teachers get on with this new age technology and the teachers have shown remarkable alacrity in adapting to the new

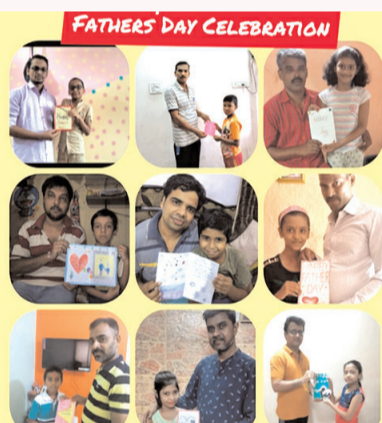


FATHERS' DAY CELEBRATION

medium of imparting knowledge. They have been burning mid night oil in preparing power point presentations, on line study material etc.

On their side, the Management and the principal, Rekha Rohira have encouraged and taken initiative to make the teaching staff aware of all the new age technology and their usage methodologies through various webinars, interactive sessions etc.

The campaign to educate the future citizens is relentless. The school stays committed to its stated mission.



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HOW FAR CAN YOU GO...

DR. SUJATA RAI, PRINCIPAL,
M P SHAH ENGLISH HIGH SCHOOL,
MUMBAI

During these testing times where fear is spreading faster than the virus everyone from a child to an adult is directly or indirectly destined to face stress, anxiety and fear. The situation is different for teachers as they not only have to face their own fears and mental stress of online teaching but also have to make the students feel comfortable and safe. The insult to the injury is that they can't physically meet or confront the students



PRINCIPAL'S PEN

people posted videos of themselves playing with these hyper realistic online animals. That's when she came across the wonderful idea that if this technology could be used to have fun on social media platforms why not use it for teaching the students? With this thought in mind and enthusiasm in the heart she taught the topic 'Diversity in Animals' for grade 6 using augmented reality and the response was positive and over whelming. This not only made the online classes fun as the students enjoyed seeing the animals play and flap their wings but also increased their level of understanding and they could imagine and connect what the



but have to do this on an online platform. It is my belief that sometimes somewhere a thought or a feeling that the student wants to express remains choked inside him/her on an online platform. So it becomes the duty of the teachers to see whether the students don't face any unnecessary stress due to the change in the method of teaching and learning.

At M P Shah English High School we try our best everyday to improve the standard of learning for its students. My hard-working teachers have undergone several training sessions and seminars to improve and improvise on their on-

line teaching skills and the process of to learn, un-learn and re-learn certain things for the benefit of our dear pupils. As mentioned in the famous advertisement of a chocolate "how far can you go for love" here is an example to show how far my teachers have already gone to not only teach but also to reach the minds of children. One of my teachers Sheetal Bhuta used one of the wonders of the technological world to give a fun kick to learning. She used Augmented Reality in her teaching sessions to make the standard of teaching better. The idea struck the mind when the famous social media trend started where

teacher is teaching instantly because the animal was right in front of them jumping and frolicking in glee. This idea which we implemented was a boon to break the monotony of online classes. We at M P Shah English High School believe in the 5 c's for the development of the child: Creativity, Curiosity, Collaboration, Communication and Comprehension.

This new method of teaching brought out all of these factors in our students and helped them learn better. Here at our school we keep experimenting new methods of teaching so as to push the boundaries of what we call education.

MASTER CHEF DUO: MOM AND ME

Pargnya Bodhini High school under the guidance of Seema Sheikh has always provided a global platform to students, but today the parents also were given an opportunity. The school has kept going on developing skills and has kept connected with children, inspite of all its challenges like creating online platform, screen timing and fee debates. In this times, academics should not be the only need of an hour, developing skills to help survive in all situations.

It was an amazing start of the day. Weekend morning, rains outside and students all set to cook for their families inside. Wisely said by someone, A family that eats together stays together. But after today's activity, we can definitely add something more to this quote. A family that cooks together, eats to-



together, stays together.

This time, a 'Master Chef Duo: Mom and Me' online class was organised for students and their family members wherein each child was supposed to cook with their mom or any other mother figure in the family in a live ses-

sion. The ground rules and ingredients were informed and explained in advance to students except the name of the dish what they were going to cook. We selected very simple, tasty, healthy and easy to cook recipes named *dadpe pohe* and *poli* (leftover roti) *laddus*. Such recipes where all the ingredients are already available in the house or very easy to arrange.

Online master chef class started sharp at 9:30am on July 4. Students and parents of grade 6th to 9th logged in for live session. Each grade had two in-charge teachers as a guide and chef for the day. The incharge trs step by step explained the making of the recipes in detail along with its nutritive value. Students and parents followed all the instructions appropriately and cooked the recipes along with the chef. All participants were extremely happy throughout, which was clearly seen on their faces. The class came to an end with their live feedback on how they felt being a part of this activity. We were so mesmerised and happy seeing grandparents also becoming a part of the class and giving their happy feedbacks.

Later, students and parents were told to send the photographs of the recipes and recorded video feedback.

The well clear objective was to bring higher happiness quotient in students, parents and school. Teach students flameless cooking, making them independent and strengthen the bond with each other.



A fine blend of creativity and art

Art has the ability to team up with any faculties, though music and writing books for children is indeed unique, author and music buff Shyama Panikkar shares with Priyangshi Chakraborti, her views on how she has been able to get youngsters interested in music through her book titled 'A Musical Road Trip'

How did you come up with the idea of linking Indian music and story books together?

A Musical Road Trip is a story which takes the kids through the 7 notes of Indian Music using bright illustrations, which will help the children visualize their notes and remember them better. My son has been a story lover since birth, so presenting this as a story, was my first instinct.

Are there any other books that you have written on Indian Classical Music under Sur Taal aur Masti?

No, A Musical Road Trip is my first publication on Indian Classical Music. I have been conducting classes for children between 2 and 15 years since over a year, the idea of the book came to me during the lockdown period.

What is the purpose of choosing to teach children using your knowledge of classical music?

Children are very difficult to engage customers. It requires a lot more than musical knowledge to engage them and teach them. My forte, is delivering the content to children with a lot of 'masti' or fun and in a way they enjoy. The benefits of classical music education during early years

are innumerable, and I say this from experience, since I started learning at 3 years.

How different is this book to other books written on music?

To my knowledge, there is no book anywhere in the world, which illustrates the significance of Sa Re Ga Ma Pa Dha Ni for small children. Every note is believed to have originated from sounds in nature, and has a colour associated with it. This kind of information is not provided in any other children's book!

Will this book heighten Indian music and culture on international platforms?

I already have children all over the world training with me, so I intend to take this book to a large audience, and help children all over the world, develop interest and inclination towards Indian Classical music.



POEMS

HAPPINESS

Happiness is there in the heart,
Feel the sweet music of it.
Happiness is there in our mind,
Feel the calmness of it.
Happiness is there in the surrounding,
Just you need to acknowledge it.
Happy person is the king of the world,
You just have to judge it.
Keep your mind and heart

calm and true,
The Happiness will enter through
Keep Smiling and enjoy the ride of life,
Happiness will always shower blessings on you
Feel happy, always be calm,
It is the key of success in life
Face it whatever it may be,
Be happy and stay happy in your life.
Anagha Murukan, class IX,
Holy Angel's School, Dombivili

GREEN ENVIRONMENT

Green is the colour of nature.
Nature is very important for future.
Pledge to plant atleast one tree.
To make our environment Pollution free.
Green environment is the blanket that covers the earth.
In its rolling sweetness and dainty swirls.
It proclaims calm and tranquility.
By rejuvenating our souls and providing spirituality.
Think of the creator's majesty.
He gifted us nature filled with fantasy.
Nature helps humans to revive.

Humans need nature to survive.
But we forget to protect our nature.
And spoil it without thinking about our future.



Let's take steps towards our environment protection.
And save it for the next generation.

Yashvi Modi, class IX,
Shri Shakuntala K I Jain High School, Mumbai

A SESSION WITH COLOURS AND CRAFT

Art and craft is a process which helps a child in exploring, discovering, creating and experimenting. It helps the child in growing as an individual. This entire process allows them to be more spontaneous, creative and expressive without any inhibitions. Art and craft is a way to express themselves as it aids in the child's development and growth. While doing art and craft activities children have the choice of taking their own decisions and making their own choices. They have the freedom of choosing a colour and

Every child is an artist. The problem is how to remain an artist once he grows up.

Pablo Picasso

glue, learned new forms of art and craft through block printing and origami. They worked magic with coloured paper by making book marks and origami dolls. When asked what they learned, a simple statement like "Nothing can stop us, what if we cannot buy dolls, we can make them!" left others speech-



making any shape. This experience helps them to develop crucial skills like decision making and learning on their own.

The period of lockdown did not deter the determination, did not let the passion for doing something new and creative die. The little wonders of DAV International School, exhibited an extraordinary spirit and courage. They turned the gloomy situation into a beautiful rainbow of colours.

The students of grade 3,4 and 5 did not once try to skip the session. They worked magic with just coloured papers, paints and some

less and awestruck. Block printing which would have required wooden blocks, did not obviate them from discovering new ways of doing the same.

The virtual learning took a new meaning, they became more attentive and passionate towards their little tasks, formed an even closer chumminess with their teachers. The longingness in their eyes to get back to school can never be missed.

The efforts of the little masters were well appreciated by the School principal Seema Maindiratta. Her belief in her teachers and her children acts like a guiding light.