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STUDENT EDITION
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WEB EDITION

GAGANYAAN planned for Dec 2020 likely to be DELAYED

It by disruptions due to the coronavirus pandemic, the launch of India's un-manned space mission under the first leg of Gaganyaan, planned for December 2020, is likely to be delayed, sources said. It was part of the two un-manned missions to be undertaken by the Indian Space Re-

ISRO had earlier indicated that there would be a delay in several missions, as the space body's work has been hit by disruptions due to the coronavirus pandemic. Among the major projects that have been affected are: Chandrayaan-3 and Gaganyaan. Chandrayaan-3, the third mission to Moon, was scheduled later this year

search Organisation (ISRO), ahead of the planned launch of India's maiden human spaceflight under 'Gaganyaan' in December 2021. The likely delay in the first un-manned mission was recently conveyed to the Space Commission, the apex policy



making body on space related issues. Even the training of four astronauts in Russia was hit due to the pandemic. However, the training has now resumed.

Cost Less than ₹10,000 crores

THE MISSION

Two years ago, PM Narendra Modi had announced the human space mission in his Independence Day address. The Gaganyaan mission aims to send a three-member crew to the space for a period of five to seven days by 2022, when India completes 75 years of Independence. The ISRO had started planning

for the mission accordingly. The first un-manned mission was planned in December 2020, the second un-manned mission in June 2021

The final and the main component, the manned mission of Gaganyaan, was scheduled, six months later in December 2021, much before the 2022 deadline

The spacecraft will be placed in a low Earth orbit of 300-400 kilometres

India is using its most advanced rocket, GSLV Mk III, for this mission. The human space-flight will take 16 minutes to reach the orbit. After orbiting the Earth for seven days, it will land on the Bay of Bengal, using a parachute.

If successful, India will be only the fourth country in the world to launch a human space mission. The first three countries are the USA, Russia, and China.



GOOGLE LAUNCHES 'THE ANYWHERE SCHOOL'



As millions of students navigate learning from home, Google has announced a new initiative called The Anywhere School, bringing over 50 new features across Meet, Classroom, G Suite, and other products to thousands of viewers in more than 250 countries around the world. In September, the

UNVEILED

video-calling app Google Meet will have a larger tiled view of up to 49 people, and an integrated Jamboard whiteboard for collaboration. It will also release new controls so that moderators can choose to always join first-end meetings for all the participants, disable in-meeting chat, and much more. In October, Google will launch custom and blurred backgrounds in Meet to provide some extra privacy.

The company said, a new 'do widget on the Classes page' will help the students see what's coming up, what's missing, and what's been graded

Teachers can now share a link to invite the students to their class, which makes joining a class much easier. Classroom will soon be available in 10 additional languages, 54 languages in total

Google recently launched 'SmartCompose' and 'Auto Correct in Docs' for educators and students to help them compose high-quality content faster by cutting back on repetitive writing, while reducing the chance of spelling and grammatical errors

POETRY ON YOUR FINGER TIPS!



GIGGLE POETRY BY BRUCE LANSKYA

This site hosted by Bruce Lansky has so many funny poems that you will enjoy reading over and over. The poems are a real hit, as they are about everything— from life at home to life at school, including many laugh out loud funny poems, even for the adults.

POETRY4KIDS BY KENN NESBITT

This site is full of funny poems that gets you laughing and reading. Kenn includes poems written by himself and other authors that will motivate students of all ages to read and share.



DLTK'S POETRY PAGE

This website has some great poems students can use. They can be printed out easily for children to read and recite in front of others. Many of the poems are useful for younger students too.

FIZZY, FUNNY, FUZZY

Fizzy, Funny, Fuzzy is a collection of fun poems for the kids written by a Derbyshire poet, Gareth Lancaster. Apart from the usual stuff, the fun poems on the website are very interesting and witty.

POEMS EVERY CHILD SHOULD KNOW

Is a PDF of classic poems. It has a set full of classics, from Longfellow, Shakespeare, Elizabeth Barrett Browning, and many others. It is also useful for poet lovers, who enjoy analysing a poem.

Novels by women to be released under authors' real names

Throughout history, many female writers were forced to use male pen names for their writing to be published or taken seriously. Now, under a new initiative, 'The Reclaim Her Name' series by Women's Prize for Fiction, the books are being re-released with their author's real name on the cover for the first time.

FAIR PLAY



The collection of 25 books in the 'Reclaim Her Name' series, includes Middlemarch by George Eliot (aka Mary Ann Evans), and others. The novels have been released to mark the 25th anniversary of the Women's Prize for Fiction. According to The Bookseller, the 25 re-released novels will be available for free; however the website will ask you to declare your age

Share your views at toinie175@gmail.com

STEPHANIE MEYER PLANS TO WRITE AT LEAST TWO MORE BOOKS IN HER HIT TWILIGHT VAMPIRE SERIES

There is still plenty of life in Stephanie Meyer's, 'Twilight Saga.' Meyer is planning at least two more books in her mega-selling vampire series, she said, during a recent promotional event. "There are two more books I think that I want to write," she said. "I have got them outlined, and a chapter written, I think of the first one, so I know, it's there. I am not ready to do that right now as I want to do something brand new," she added. Interestingly, Meyer had once vowed never to write another 'Twilight' book.



The Twilight saga was also adapted into a hit film franchise, which starred Robert Pattinson as the sullen vampire Edward and Kristen Stewart as the love-struck mortal Bella

BOOK

NEWS IN BRIEF

FOR A CAUSE

BHUMI PEDNEKAR URGES ALL TO OPT FOR ECO-FRIENDLY GANPATI IDOLS

Actress Bhumi Pednekar has urged everyone to choose eco-friendly idols for the Ganapati festival. There are sustainable ways to celebrate the festival, said the environment activist. "Nature is God, God is nature. We have to find better alternatives," she added.

Bhumi has joined hands with sculptor Dattadri from Maharashtra to spread the message. Dattadri specialises in making tree Ganpati idols with seeds planted inside the idol. The idol can be immersed in clay pots, once the festivities are over. She will also upload DIY ways of making Ganpati idols at home that are eco-friendly



An ECO-FRIENDLY GANESH PUJA

Join us in celebrating an eco-friendly Ganesh festival. Share your eco-friendly ideas at toinie175@gmail.com

BE 'EVERYDAY HEROES' FOR YOUR CHILDREN: TENDULKAR URGES PARENTS

Cricketer Sachin Tendulkar has urged parents to be 'Everyday Heroes' to their kids. "Children are the future of India. Let's be their 'Everyday Heroes' and create the right environment, which keeps them positive," Tendulkar said in a tweet. With schools shut, restrictions on movement and job losses, parents are under stress, but this is the time for them to be stronger for their children, he added.



CELEB TALK

Children will have questions on Covid-19, and we should answer their queries, taking into account how much they can grasp. Our emotionally stable self as a parent is the most precious gift to our child. This pandemic is an opportunity to engage with our children, and strengthen the bond by acting as mentors and facilitators

SCIENTISTS MAKE SPACE BRICKS FOR LUNAR HABITATION

Scientists from the Indian Institute of Space (IISc) and Indian Space Research Organisation (ISRO) have developed a

process to make bricks on the Moon for habitation. "The process involves extracting lunar soil and using bacteria and guar beans to harden it (soil) into brick-like structures for habitation on the Moon in the future," a researcher at the IISc said.

With our resources dwindling, scientists have intensified their efforts to inhabit the Moon and other planets

MAKE IN INDIA



THE PROCESS

As the cost of sending 1 pound of material to the outer space is currently ₹ 7.5 lakh, the scientists used urea, sourced from human urine, and lunar soil as raw materials for the construction on the Moon's surface to make it cost effective

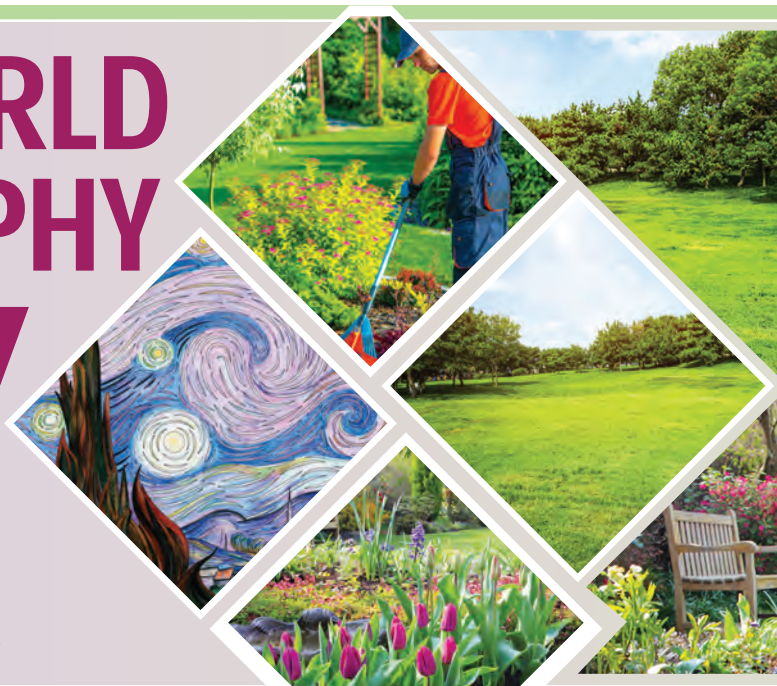
Besides, guar gum (extracted from guar beans) is used instead of cement for the structures to lower the carbon footprint in the lunar atmosphere

The scientists believe the process is a significant step towards constructing buildings in space



WORLD PHOTOGRAPHY DAY

August 19, observed as the World Photography Day, aims at inspiring the photographers across the globe to share their world through photographs with the world...



The origin of the day lies in the invention of the Daguerreotype, a photographic process developed by Frenchmen Louis Daguerre and Joseph Nicéphore Niépce in 1837

On January 9, 1839, the French Academy of Sciences announced the Daguerreotype process. On August 19, the French government purchased the patent and announced the invention as a gift "free to the world"

The Daguerreotype wasn't the first permanent photographic image. In 1826, Niepce captured the earliest known permanent photograph, known as the 'View



As early as 1839, a selfie was clicked by an American, Robert Cornelius. Cornelius set his camera up, took the image by removing the lens cap and then running into the frame. On the back, he wrote, "The first light picture ever taken 1839"

The first digital photograph was taken in 1957; almost 20 years before Kodak's engineer invented the first digital camera. The photo is a digital scan of a shot initially taken on a film, which depicts Russell Kirsch's son, and has a resolution of 176x176

from the Window at Le Gras", using a process called heliography

The first durable colour photograph was taken by Thomas Sutton in 1861. It was a set of three black-and-white photographs taken through red, green and blue filters.

On August 19, 2010, the World Photo Day hosted its first global online gallery. Almost 270 photographers shared their pictures; people from over 100 countries visited the website. This marked the first official World Photo Day

#WORLDPHOTOGRAPHYDAY
Capture a moment and send us at toinie175@gmail.com/times-nie175@gmail.com

Ideas for home Entertainment

Don't resort to screen time when the rain or quarantine is forcing you to stay indoors. Try these simple, fun activities

1 Stage an A to Z scavenger hunt where each one has to find something in the house or garden starting with every letter and collect them in a bag. The first to get the whole alphabet wins a prize.



2 Start a band! Use plastic bowls, saucepans and wooden spoons as a drum kit. Make shakers from plastic bottles filled with pasta and rice.



3 Teach yourself favourite pop star's dance routine after learning the moves at [youtube.com/dance-tutorials-live](https://www.youtube.com/dance-tutorials-live).

4 Turn the garden into a water park. Pump up the paddling pool, fill up empty water bottles with squeeze tops for squirting. Plastic



sheeting on the grass will make an excellent water slide too. Enjoy!

5 Have a puzzle race. Pull out jigsaws with equal numbers of pieces and see who will finish theirs first. Start a league over the summer.



6 Make and decorate paper aeroplanes, then have a competition to see which flies the best. Find different designs at [paperaeroplanes.com](https://www.paperaeroplanes.com).



Friends with BENEFITS

Don't just be a 'social snacker' seeking virtual empathy. Go out there and make real friends to live healthy



supriya.sharma2@timesgroup.com

Contrary to countless findings on the mental and physical impact of the social network, health experts maintain that a thriving social circle is necessary for good health. Social network here doesn't limit to the virtual world of 'likes' and 'latergrams' but a real world where true friendships are hard to come by. Despite an ever-expanding virtual humanity, loneliness is still on the rise, causing various emotional, mental and physical disorders.

➤ People who connect with others perform better on tests of memory and other cognitive skills. Social network doesn't limit to the virtual world of 'likes' and 'latergrams' but a real world where true friendships are hard to come by.

Reaching out

A 2004 Australian study that spanned a 10-year period showed that older Australians tended to live longer when they had strong friendship circles. Research shows that one is at greater risk of heart disease without a strong network of friends and family. Loneliness can cause inflammation, and in otherwise healthy people, it can be just as dangerous as having high cholesterol or even smoking. Spending time with friends lowers your BP and reduces inflammation, which in turn can decrease the probability of a stroke or other brain damage.

a stronger immune system, especially for older adults. This means that you are better able to fight off colds, the flu, and even some types of cancer.

Brain fitness

While for many of you, socialising could be a mentally exhausting activity, it is actually a mentally strengthening one in the long run. Any social activity that engages your brain and keeps it active is good for you. Studies have said time and again how feeling lonely seems to put one at greater risk of dementia. People who connect with others perform better on tests of memory and other cognitive skills. And, in the long run, people with active social lives are less likely to develop dementia than those who are more socially isolated.



Stronger immunity

Going out to lunch with a friend, catching a movie with your bestie, or simply spending quality time with your pals, aren't just fun activities you do every day. They're also essential for your health, according to scientific research. Social engagement is associated with

TECH TONIC

Mindful apps keeping us calm during corona

➤ Ping! It's time for your guided meditation.
➤ Ping! It's time for your customised yoga workout.
➤ Ping! Did you sleep well? Drink water? Write in your gratitude journal?

Mindfulness is just a notification away in the post-Corona world. As the pandemic turns us into our most stressed out and anxious self, demand for wellness apps is skyrocketing.

According to a report by Sensor Tower, a marketing intelligence company, mental health and wellness apps generated two million more downloads in April 2020 than January 2020. In fact, today there are 2,500 meditation apps alone in the online space.

THESE APPS SHIFT THE BRAIN GEAR BACK TO A CALM STATE



APPS FOR MENTAL PEACE

- 1. MEDITATION APPS:** Several apps offer guided meditation, starting from 5-minute sessions to couple of hours.
- 2. SLEEP APPS:** Not only do they track your sleep and REM cycle, you can also opt for the feature in them to wake you up at your lightest sleep, so you don't get up on the wrong side of the bed.
- 3. HEALTH AND FITNESS APPS:** These offer customised workouts, diets, and planners for you to achieve your fitness goals.
- 4. HABIT-TRACKING APPS:** Whether you want to quit smoking and walk thousands of steps a day, these will help you stay on track.

Overall, there are 2,500 apps in the mindfulness space, and 100 million plus people around the world are using such apps. It tells you how much people need something like this to stay peaceful.

BETTER SLEEP, STRESS RELIEF AMONG TOP SEARCHES ON APPS
Teju, CEO & Founder, n Smiles – an app that provides personalised self-help tools to improve well-being – says that they have seen a significant rise in downloads too. "The key focus areas

of concern for people have been family, relationships, stress relief, work-life balance, health and immunity building, finance, as well as sadness and anxiety. People are also curious about getting better sleep, and career management," she says.

Quiz time

MIXED BAG
Garima Jain, class XII, Agrasain Balika Siksha Sadan, Howrah

the following dates?
A. August 22
B. July 22
C. October 22
D. March 22

Q.1) Which of the following dances is not a classical dance?
A. Kathakali
B. Garba
C. Odissi
D. Manipuri

Q.2) Which of the following is not a Union Territory?
A. Tripura
B. Daman and Diu

Q.3) Which of the following countries has signed a 'Non-Aggression Pact' with Sudan?
A. Uganda
B. Kenya
C. Ethiopia
D. South Sudan

Q.4) World Day for Water is observed on which of the following dates?
A. August 22
B. July 22
C. October 22
D. March 22

Q.5) Which country has participated in every Olympic games since its inception in 1896?
A. Great Britain
B. Switzerland
C. France
D. All of the above

ANSWERS
1. B) Garba 2. A) Tripura 3. D) South Sudan 4. D) March 22 5. D) All of the above

ALERT!

Lights Camera Action: Calling All Photographers

On the occasion of the World Photography Day on August 19, we invite you to arm yourself with a camera and go off shooting. Capture the moment and tell us a story.

1. PET PASSIONS
Show your pet's naughtiest character in a click

2. ONE FAMILY PICTURE PLEASE
Bring your family together in one frame

3. NATURE AT ITS BEST
Capture nature's beauty and share with us

4. HAPPY ME
Click a picture of yourself doing one thing which gives you the most happiness

➤ Send in your entries at toinie175@gmail.com or timesnie175@gmail.com with the subject 'World Photograph Day Contest'

➤ Please mention the category, your name, class, and school

➤ The best pictures will get a chance to feature on www.toistudent.com

PANDEMIC LIVING

Build a survival garden!

A survival garden is designed to provide enough crops to let you and your family live on the garden produce alone. Some foods are better than others when it comes to ease of growth, nutritional content, caloric content, and ease of storage. Smaller the space, the easier it is to maintain.

"Survival food is something that grows easily and lasts longer. Small is big in urban farming. Go for bags, boxes, buckets, containers. You can grow herbs on your window sill and staples like potatoes and onions in bath buckets," says Sanjeev Kumar Sharma, a hotelier/conservationist/wellness farmer based out of Jim Corbett National Park. Use what you have! Take your yoghurt cups, salad containers, folded up newspapers or anything else you have around as a pot. Now is the time to be scrappy and resourceful about planting and eating produce from your own garden.