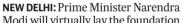




### NATION

PM Modi to virtually lay foundation stone of three DU buildings on Friday





### **CITY LIGHTS**

### Delhi is the country's EV capital, says Kejriwal

**NEW DELHI:** Chief minister Arvind Kejriwal on EV capital with the highest number of electric vehicles being bought in the city.

### WORLD

Tornado, other severe weather kill 3, damage homes in US SHOALS (US): A tornado struck an Indiana home, killing a man and injuring his wife, while two people died in Arkansas after a tree fell onto a house. as severe weather rumbled through several central states. The tornado that hit the home on Sunday evening was part of a storm system that pushed through a rural, wooded area of southern Indiana's Martin County. The injured woman was flown by helicopter to a hospital, said Cameron Wolf, Martin County's emergency management director. The newer, log cabin-style house was levelled as a storm that also had hail and other strong winds raked the area about 140 km southwest of Indianapolis.

stone of three buildings of the Delhi University on June 30 and release a set of coffee-table books, university officials said on Tuesday.

The 7+1 storeyed buildings, which will house the faculty of technology, a computer centre and an academic block, would have be equipped with state-of-the-art infrastructure, they said.

"The prime minister will be the chief guest at the closing ceremony of centenary celebrations of the Delhi University on June 30. Prime Minister Modi will lay the foundation stone of three new buildings virtually," Vice Chancellor Yogesh Singh said.

Union minister for education Dharmendra Pradhan will be the guest of honour for the ceremony.

DU South Campus Director Prakash Singh said that the buildings would be completed in the next two years. He also added that the university's current computer centre is only two-storeyed.

"We have plans to build a new computer centre. The project will be built with funds given by the Centre as part of the Institutions of Eminence (IoE) scheme. The second building would be the faculty of technology," he said.

"The prime minister will also

Diwali to be school

holiday in NYC but

with a catch this year

Diwali, the festival of lights, is cele-

However, this year it falls on Sun-

day, November 12 — meaning the

2023-2024 school calendar will not be

affected by the change. City officials

say more that 200,000 New York City

residents celebrate Diwali, which is

observed by Hindus, Sikhs, Jains and

some Buddhists. "This is a city that's

continuously changing, continuously

welcoming communities from all over

the world," Adams said in announcing

that Diwali will join celebrations

including Rosh Hashana and Lunar

New Year as a day off for students. PTI

brated in October or November

depending on the lunar calendar.



### The prime minister will on Friday lay the foundation stone for Delhi University's faculty of technology, computer centre as well as an academic block

launch three coffee-table books, including a book which will have logos of various colleges and their motto. One will have the activities planned for the entire year and the other will have our historical achievements," Prakash Singh said.

The DU has introduced B.Tech programmes from the upcoming academic session with a capacity of 360 students.

The building for the faculty of technology will cater to them. For the closing ceremony, an exhibition on the journey of 100 years of the university would be organised in the basement of the Multipurpose Hall.

India logs lowest daily Covid cases since March 2020

NEW YORK: New York City will add the NEW DELHI: India has recorded 33 festival of Diwali to the list of public fresh coronavirus infections, the lowschool holidays in recognition of the est number of cases since March growth of the city's South Asian and 2020, according to the Union health Indo-Caribbean communities, Mayor ministry data updated on Tuesday. Eric Adams announced on Monday.

The active cases have been recorded at 1,606 while the death toll was recorded at 5,31,903, the data updated at 8 am stated.

The Covid case tally was recorded at above 4.49 crore. The national Covid-19 recovery rate has been recorded at 98.81%, according to the health ministry website. The number of people who have recuperated from the disease surged to above 4,44 crore and the case fatality rate was recorded at 1.18%

According to the ministry's website. 220.66 crore doses of Covid vaccine have been administered in the country so far under the nationwide vaccination drive. PTI

Speaking at the inauguration of 42 charging stations, Kejriwal also claimed that pollution levels in the national capital have declined since 2014. "We started promoting EVs to curb pollution and keeping in mind that they are the future. We framed a policy in 2020 for EVs and set a target that, by 2025, one-fourth of all vehicles bought in Delhi will be electric," Kejriwal said.

The Delhi EV Policy was launched in August 2020 with the aim of establishing the city as the country's EV capital and accelerating the pace of EV adoption across vehicle segments, especially in the mass category of two-wheelers, public and shared vehicles and goods carriers. "...I am happy to share that 13% of all the vehicles bought in Delhi are electric ones.



Delhi chief minister Arvind Kejriwal in New Delhi on Tuesday

Since August 2020, 1.28 lakh electric vehicles have been bought in Delhi," he further said. The Delhi chief minister said that even the Niti Aayog has praised Delhi's EV policy. Kejriwal also claimed that Delhi offers the cheapest rate of electricity at the charging sta-

AN

ΡΤΙ

### MCD school principals to undergo training at IIMs: Atishi

tions.

NEW DELHI: Principals of Municipal Corporation of Delhi (MCD) schools will undergo leadership and management training at IIMs to "revolutionise" primary education in the city, Delhi education minister Atishi announced on Tuesday.

She told a press conference that the first batch of 50 principals will be sent to the Indian Institute of Management (IIM) in Ahmedabad on June 29 for a week-long training programme. There are around 1,700 MCD-run primary schools. On the tenure of the BJP in the MCD, the Aam Aadmi Party (AAP) leader said primary education in MCD schools was deplorable, and this impacted higher education of students.

"We have decided to transform the education system by introducing the training at IIMs for principals of MCD schools," said Atishi, whose party won the last year poll to the civic body, wresting control from the BJP after 15 years. "We have given world-class training to principals of Delhi government schools. We have also started a series of world-class training. The best of the best education needs good leadership and management," she said The training at IIMs, the minister said, will bring a 'revolutionise in education in MCD schools". Mayor Shelly Oberoi at the press conference said the AAP government wants to bring a change in the education system of MCD schools. PTI

### **WORD POWER**

### Rustic

### Ruhs-tik (Adjective/noun)

Meaning: of, relating to, or living in the country, as distinguished from towns or cities; rural. Simple, artless, or unsophisticated.

Origin: Derives from the 16th century Old French rustique, from Latin rūsticus, from rūs the country

**Synonyms:** country, rural, pastoral, simple

Antonyms: cosmopolitan, metropolitan, suburban, urban

Usage: Bare plaster walls and terracotta floor give a rustic feel

### CDC issues alert after 1st local malaria cases in US in two decades

WASHINGTON: The US Centers for Disease Control and Prevention issued an alert on Monday after five cases of malaria were confirmed, the first locally acquired cases of the disease in the United States in 20 years. Four cases of the mosquito-borne illness were confirmed in Florida and one in Texas, the CDC said in its health alert, adding the cases in the two states did not seem to be related. "All patients have received treatment and are improving," it said. Authorities were on the lookout for additional cases and mosquito surveillance and control measures have been implemented in the affected areas, it said. AFP

### 'Pizza' painting found in ancient Roman ruins of Pompeii

**ROME:** A fresco that depicts what might be an ancestor of the Italian pizza has been found on the wall of an house in the ancient Roman city of Pompeii, Italy's culture ministry said on Tuesday. Archaeologists presume that the flat bread depicted in the painting may have been eaten with fruits such as pomegranates or dates, or dressed with spices and a type of pesto sauce, the ministry said. While it cannot technically be considered a pizza, since it lacks classic ingredients such as tomato and mozzarella," according to a statement. REUTERS



Day of Yoga with zeal under the guidance of school principal Veena Goel. This year the day's theme is 'Vasudhaiva Kutumbakam' which means the whole world is one family. A total of 70 students and 40 parents participated in the event. Rashtriya Sangathan Mantri of Vidya Bharti Akhil Bhartiya Shiksha Samiti Govind Mahto, school manager Satish Maheshwari and management committee member Anand Pal were among the guests who attended the programme. >P2

SCHOOL EVENT **GLT SARASWATI BAL MANDIR,** 

GLT Saraswati Bal

Nehru Nagar, cele-

**NEHRU NAGAR, CELEBRATES** 



### Hindustan Times BEYOND BOOKS

**NEW DELHI WEDNESDAY** JUNE 28, 2023

### SCHOOL REPORTS

# GLT Saraswati Bal Mandir, Nehru Nagar, celebrates International Day of Yoga with all enthusiasm

GLT Saraswati Bal Mandir, Sr. Sec. School, Nehru Nagar, celebrated International Day of Yoga with all enthusiasm under the guidance of school principal Veena Goel. This vear the theme of the day is Vasudhaiva Kutumbakam' which means the whole world is one family. A total of 70 students and 40 parents participated in the programme.

Following the path of Prime Minister Narendra Modi, the school also showed zeal in participating in the celebrations. Rashtriya Sangathan Mantri of Vidya Bharti Akhil Bhartiya Shiksha Samiti Govind Mahto, school manager Satish Maheshwari and school management committee member Anand Pal were among the guests who attended the programme.

The programme started with the lighting of the ceremonial lamp at the feet of Goddess Saraswati and the Saraswati Vandana. Thereafter, school students presented beautiful yoga performances, including rhythmic yoga and musical yoga.

School's yoga teacher Rekha Arora guided everyone to perform various pranayams and yogasanas. All the guests, parents, students, and teachers performed all the pranayams and yoga asanas (postures) according to their stamina with full devotion.



A total of 70 students and 40 parents participated in the programme with all zeal

Arora informed the participants about the benefits of pranayams and yogasanas. At the end of the event, Mahto shared his words of wisdom and emphasised on the importance of yoga in our lives. He said yoga is a life skill which everyone should know as it is mentioned in Shrimadbhagavat Gita also.

The vote of thanks was proposed by school principal Veena Goel. She thanked all the guests, parents, and students for being part of the day and also stressed upon implementing yoga in daily life for the betterment of physical and mental health.

In the end, everyone was served with lassi for good digestion. On that day, the school also got an opportunity to be a part of great institutions. School's two teachers and 30 students were special invitees for the Yoga Day event in Delhi Zoological Park. In addition, 30 students were specially invited to Iskcon Temple for participation in the Yoga Day event.

### ST. MARK'S WORLD, MEERA BAGH, FELICITATED WITH PRESTIGIOUS AWARD

It was a proud moment for St. Mark's World School, Meera Bagh, when it was felicitated with the Best Environmental Excellence Award at India's Most Trusted Education Brand of the Year Award conference organised by My Brand Better

The award is in recognition of school's outstanding contribution towards environment with an intent to adapt to impactful, practical, scalable, and replicable cutting-edge solutions for earth. The awards honour school's exceptional sustainable initiatives aimed to care for Earth and encourage the posterity to take action to become champions of the earth.



in recognition of its contributions towards environmental issues

### ML Khanna DAVPS, Dwarka, honoured with STTAR Education Excellence Award



The school has been consistently working on sustainable goals of waste management

It was a glorious moment for ML Khanna DAV Public School (DAVPS), Dwarka, when it was honoured with the STTAR Education Excellence Award 2023 for promoting education for a sustainable future and for taking part in environment conservation and sustainable development.

The award was given to the school, which is the Best Eco Club School, in recognition of its efforts towards the environmental issues with an intent to adapt to impactful, practical, scalable, and replicable cutting-edge solutions of the planet. These awards honour the exceptional sustainable initiatives aimed to care for Earth and encourage the posterity to act to become champions of Earth. The school is recognised for making a real impact with excellent initiatives under the leadership of principal Monika Mehan.

The school has been consistently working on sustainable goals of waste management, harnessing nonconventional sources of energy.

In addition, the school has also initiated many activities for creating a learning environment that links knowledge, inquiry and action to help students build a healthy future

for communities and the planet.

The school has been making efforts in creating awareness about social, financial and environmental sustainability among people. It has received a glowing praise for its initiatives like mushroom cultivation & promoting consumption of millets.

By consistently integrating sustainable goals into its practices and curriculum, the school is striving to cultivate a generation of environmentally-conscious citizens who are equipped to create positive change and contribute to a healthier future for local communities & the planet.

### EMBRACING VISION OF SCIENCE EDUCATION 'Curiosity, critical thinking skills and scientific literacy are key elements'

cience education plays a pivotal role in shaping the minds of future generations, enabling them to understand the world around them and make informed decisions. As a chemistry educator, I believe, it is essential to have a clear vision for science education that goes beyond the transmission of facts and formulas. I am committed to explore a comprehensive vision of science education, encompassing key elements such as fostering curiosity, developing critical thinking skills, and promoting scientific literacy.

One of the primary goals of science education is to instil a sense of curiosity and wonder about the natural world. Nurturing students' innate curiosity encourages active engagement in the learning process. Educators can achieve this by incorporating hands-on experiments, inquiry-based learning & real-world applications of scientific concepts. By fostering curiosity, students develop a lifelong passion for learning & an intrinsic motivation to explore scientific events.

Science education should emphasize the development of critical thinking skills, enabling students to analyse, evaluate, and interpret scientific information. Encouraging students to ask questions, propose hypotheses, and design experiments fosters a scientific mindset. By engaging in problem-solving activities, students learn to think critically, make logical connections and draw evidence-based conclusions. This skill set equips them to face challenges in science as well as various aspects of life.

Scientific literacy goes beyond memorizing facts; it involves understanding the nature of science, its methodologies, and its impact on society. Science education should equip students with the ability to critically evaluate scientific claims and make informed decisions. By emphasizing the connection between science and everyday life, educators can help students appreciate the relevance and applicability of scientific knowledge. Scientific literacy empowers individuals to participate actively in public discourse, make evidence-based decisions, and contribute to a scientifically informed society.

Science is a collaborative endeavour that thrives on effective communi-



One of the primary goals of science education is to instil a sense of curiosity about the natural world, writes Sulekha Khanna, Head, Science Department, Dwarka International School, Dwarka

cation and cooperation. Science education should provide opportunities for students to engage in group work, collaborative problem-solving, and scientific discussions. By working in teams, students develop communication skills, learn to respect diverse perspectives, and appreciate the collective effort required for scientific advancement. Encouraging students to present their findings, write scientific reports, and communicate their ideas effectively fosters their ability to disseminate scientific knowledge to a wider audience. I envision a classroom should instill ethical values and responsible practices in students. Educators must emphasize the importance of integrity, honesty, and responsible conduct when designing experiments, collecting data, and reporting results. Students should be encouraged to consider the ethical implications of scientific discoveries and their impact on society, promoting a sense of social responsibility and ethical decision-making

As a chemistry educator, embracing a comprehensive vision of science education goes beyond teaching content; it involves nurturing curiosity, developing critical thinking skills, promoting scientific literacy, encouraging collaboration & fostering ethical practices. By adopting this holistic approach, educators empower students to become scientifically literate citizens who are curious, analytical, and capable of contributing to the scientific and social advancements of our ever-evolving world.

Greenway Modern School, Dilshad Garden, organises event on topic 'Never Refuse to Reuse' under SDG programme with all zeal



Students took keen interest in upcycling

household scrap to create models and artworks.

Greenway Modern School, Dilshad

### <u>MIND GAMES</u>



MATHDOKU Place numbers into 2\_ 5+ 3\_ the puzzle cells so that each row and column contains each

SDG programme for its students of Grades 4 and 5 on the topic 'Never Refuse to Reuse'. Students were pushed to think out of their boundaries to make something best out of the waste under the guidance of their teachers and parents. Students took keen interest in upcycling household scrap to create models and artworks.

These kinds of activities will set a new goal for students and will motivate them to work smartly in order to find a way to reach higher levels.

### ROLE MODEL IN LIFE

'My mother is first teacher, is like light of torch that inspires and guides me in darkness'

role model should be like the light at the end of a tunnel, guiding you when you are lost. My role model is my mother. She always comes up like the light of a torch that inspires and guides me in the darkness. She is my first teacher. My mother is a blessing to me. Mothers are the real creators of children and so is my mother. She taught me how to walk, speak and play. Also, she taught me how to live my life with my own decisions.

She always sets goals for me and tries to make me a better version of myself. When I lose hope and can't understand how to complete my task, she is there to help and support me. She always encourages and motivates me to give 100 percent in my every work and it hardly matters to her whether I come first or last. She is the most understanding person of all the people I know. She is very kind, patient, helpful and strong. She is also an animal lover which I admire the most.

Sometimes, she also scolds me but I know that it is for my good. She reads my silence, my tears, my mind and my heart. She is the one who loves me unconditionally. I am her priority and she has always provided me with whatever I wanted. She is the most special woman in my life. Every morning, she prays to God for my good health. She always inspires



My mother always sets goals for me and tries to make me a better version of myself, writes Saanchi Marwah. Class 5-B, Bosco Public School **Paschim Vihar** 

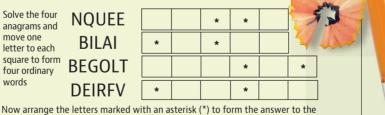
me to become a better person in life.

She is the best and I respect her a lot. She has been with me like my shadow. She has always accepted my failures positively and taught me that failures and mistakes are lessons for our life which I could have never learned from any book.

My mother has always tried to make me a strong person with an independent mind. As it is rightly said, "As God could not go everywhere, he created Mother." Indeed, mothers are God on Earth. She is the best and I respect her a lot.

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### **SCRAMBLE**

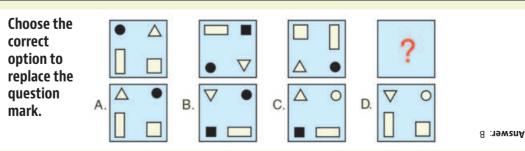


riddle or to fill in the missing words as indicated.

When good befalls a man he called it Providence, when \_ \_\_\_. Knut Hamsun (4,4)

Answer: When good befalls a man he called it Providence, when evil fate. Knut Hamsun

### WHO COMES NEXT



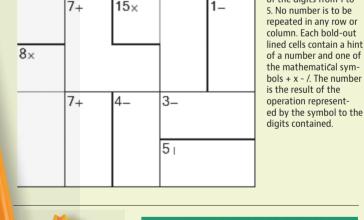
16

13

### **MAGIC SQUARE**

This square has all the numbers from 13 to 21. Each number appears only once and the numbers in each row and column total 51. Fill in the missing numbers.

Amrita Bharati Features





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Scan the OR code or head to https://htschool.hindustantimes.com/

### Solutions

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JawanA

### NEW DELHI WEDNESDAY JUNE 28, 2023

### Hindustan Times IN THE NEWS

# CRIMINAL CASE AGAINST REBELS DROPPED **Putin praises Russian** troops for putting down mutiny as Prigozhin jet reaches Belarus

### Reuters

resident Vladimir Putin praised members of Russia's military and security forces on Tuesday as he sought to reassert his authority following an aborted mutiny led by Wagner Group chief Yevgeny Prigozhin.

A jet linked to Prigozhin arrived in Belarus from Russia, believed to be carrying the mercenary boss into exile, three days after he abruptly called off his mutiny.

Authorities dropped a criminal case against Wagner, state news agency RIA reported, apparently fulfilling one condition of a deal agreed late on Saturday that defused the crisis.

Putin told some 2,500 security personnel in the Kremlin complex that the people and the armed forces had stood together in opposition to the rebel mercenaries.

He was joined by Defence Minister Sergei Shoigu, whose dismissal had been one of the mutineers' main demands

Putin also requested a minute of silence to honour Russian military pilots killed in the revolt. The fighters had shot down several aircraft during their run towards Moscow, although they faced no resistance on the ground.

Prigozhin had said he would go to neighbouring Belarus at the invitation of its president, Putin ally Alexander Lukashenko.

Details of his proposed journey into exile were not made public and there was no confirmation of his whereabouts in the three days since the mutiny, including whether he was on board the plane tracked into Belarus on Tuesday morning.

Flight tracking service Flightradar24's website showed an Embraer Legacy 600 jet, bearing identification codes that match a plane linked to Prigozhin in US sanctions documents, descending to land near the



Belarus capital Minsk. Prigozhin was last seen in public on Saturday night, smiling and highfiving bystanders as he rode out of

Rostov. Putin said in a televised address on Monday night that the mutiny leaders had betrayed their motherland, although he did not mention Prigozhin by name. Wagner fighters would be permitted to establish themselves in Belarus, join the Russian military or go home, he said.

Kremlin spokesman Dmitry Peskov told a news briefing on Tuesday the deal ending the mutiny was being implemented, and he had no information on where Prigozhin was. He dismissed the idea that Putin's grip on power had been shaken by the mutiny, calling such thoughts "hysteria".

### **Demonstration of protest**

Prigozhin, 62, said he launched the mutiny to save his group after being ordered to place it under command of the defence ministry.

His fighters had halted their campaign on Saturday to avert bloodshed after nearly reaching Moscow, and regretted being forced to shoot down aircraft on the way, he said

"We went as a demonstration of protest, not to overthrow the government of the country," Prigozhin said on Monday.

In Putin's overnight speech, his first public comments since the mutiny, he confirmed that Russian pilots had been killed, and thanked Russians for showing patriotic solidarity.

Russia's enemies wanted to see the country "choke in bloody civil strife" but Russsia would not succumb to "any blackmail, any attempt to create internal turmoil," Putin said.

Russian leaders have tried to convey that the situation is returning to normal after the aborted mutiny. Putin met on Monday night with the heads of security services, including Defence Minister Shoigu.

In Ukraine, President Volodymyr Zelenskiy said in his nightly address that the military had made advances on Monday in all sectors of the front line, calling it a "happy day".

Kyiv hopes the chaos caused by the mutiny attempt in Russia will undermine Bussian defences as Ukraine presses on with a counter-offensive. It claimed on Monday to have captured a ninth village in the south where it has been advancing since early June.

# WHEN ART MIRRORS WOES, HOPES

Call it a channel for one's creativity or a way to express one's angst in one of the most conflict and violence-ridden parts of the world, artists in the Gaza Strip often use the traditional art form of murals for a wide range of purposes. Apart from expressing their creative talents, artists also use them to protest against exploitation they have been subjected to for decades. Gaza is a Palestinian exclave on the eastern coast of the Mediterranean Sea. Now part of the State of Palestine, it has been under Israeli military occupation since the 1960s.



ative composite art that features stone, glass or cerar









Russian President Vladimir Putin addresses the members of Russian military units, the National Guard and security services to pay honour to armed forces that upheld order during recent mutiny, in Moscow, on Monday REUTERS

Explosions were heard in the Ukrainian city of Kremenchuk after a Russian air strike on Tuesday, a Ukrainian air force spokesman said.

HT CHRONICLE June 28 >> from the archives of the Hindustan Times Dindustan Times #ESTABLISHED IN 1924 #

### 20,000 cheer Mr Chou at Taj in Agra

En-lai, waving banners and shouting slogans like ' Long Live India-China Friendship and Chou-Nehru Zindabad,' when the Chinese Prime Minister and party came to see Taj Mahal 1954 this morning.

by plane from Delhi at 7 a.m. and were received at the aerodrome by the District Magistrate, high civil and military officers. prominent citizens and office-bearers of public

AGRA - MORE than 20,000 citizens organizations. Cries of "Long Live of Agra lustily cheered Mr Chou India-China Friendship," Chou Zindabad, Vishwa Shanti Zindabad, rent the air as the Chinese leader stepped out of the plane.

A guard of honour was presented by the Agra I.A.F. station personnel.

Thirty gaily-decorated Mr Chou and party arrived here arches and gates were erected on the route from the airport to the Taj. The city bore a festive appearance.

The party spent nearly an hour enjoying the beauty and grandeur of the historic Moghul monument.

From the Taj Mr Chou drove to the tomb of Etmad-ud-Daula, built by Noorjehan in memory of her father.

**CIVIC RECEPTION** On arrival in the city the **Chinese Prime Minister was** accorded a civic reception at a specially arranged meeting. A marble replica of Taj Mahal was presented to Mr Chou by Mr Achal Singh, M.P., president of the City Congress Committee.



### India won't take a rigid stand at Simla summit Talks open today

SIMLA - The first Indo- Pakistan summit in six years opens here tomorrow amid an atmosphere of expectancy. Everyone from the petty shopkeeper to the seasoned politician in this overworked State capital seems to be agreed that the future well-being of the 700 million people of the sub-continent is linked with the outcome of the summit talks.

With Prime Minister Indira Gandhi's arrival here this afternoon, the attention of the people around turned from the summit arrangements to its historic purpose. After a brief rest, the Prime Minister went round to inspect the arrangements and 1972 then into a huddle with her principal advisers.

While no Indian, however highly placed, is in a position to predict the outcome, there is every indication that the Indian approach to the summit will not be rigid.

Mrs Gandhi evidently is going to the summit exercise not in a spirit of bargaining or to gain

India won't take a rigid stand at Simla summit

points in an argument but to fathom Pakistan President Z. A. Bhutto's mind. She is keen to

know whether the Pakistan President is ready to join in a common endeavour to build a brave new subcontinent with India and Bangla Desh. The testing apparently will not be dependent on any single issue but on the totality of the impressions which the Prime Minister and her colleagues will gather during the five-day talks.

#### Mysterious snowman's footprints observed British climbers' report **TWO-LEGGED ANIMAL** BRITISH mountaineers exploring the Kulti valley in the Mysterious Snowman's high up in the Himalayas Sq. Ldr. Davies said there were

**Footprints** Observed BRITISH CLIMBERS' REPORT LONDON, June 27.

BRITISH mountaineers high up in the Himalayas have found the tracks of a huge animal thought to be the mysterious snowman. News of the tracks was received News of the tracks was received here last week by the Air Ministry from the expedition of the R.A.F. Mountaineering Association, now exploring the Kulti valley in the

Himalayas. have found the tracks of a huge animal thought to

the mysterious be snowman. News of the tracks

was received here last week by the Air Ministry from the expedition of the R.A.F. Mountaineering Association, now

expedition's transport officer Sq. Ldr. Davies who, with two 1955 other members, came upon the footprints in the morning of June 12, 12,375 ft. above sea level in the snow-covered valley of the Kulti glacier. Their sherpa porter said the tracks belonged to the Yeti (snowman).

The signal was sent by the many prints, each measuring 12 inches by six inches and indicating that the creature who had made them was two-legged with five toes, a quarter of an inch wide, on each foot. The prints were sunk eight inches

into the snow compared with one-inch impression made by the R.A.F. men.

### WATCH OUT THIS SPACE FOR QUIZ **ON FRIDAYS**

The quiz will be based on HT archives. Send in your answers at htpacedelhi@hindustantimes.com

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### Hindustan Times | THE SCIENCE OF IT

# 'Climate change to push 30% species over tipping points'

After analysing data from over 35,000 species of animals from every continent alongside climate projections running up to 2100, researchers have found that if the planet warms by 1.5 degrees Celsius, 15% of species they studied will be at risk of experiencing unfamiliarly hot temperatures across at least 30% of their existing geographic range in a single decade. This will double to 30% of species at 2.5 degrees Celsius of warming, they said.

### Press Trust of India

**NEW DELHI:** Climate change is likely to abruptly push up to 30% species over tipping points as their geographic ranges reach unforeseen temperatures, according to a study.

The researchers found that if the planet warms by 1.5 degrees Celsius, 15% of species they studied will be at risk of experiencing unfamiliarly hot temperatures across at least 30% of their existing geographic range in a single decade. However, this doubles to 30% of species at 2.5 degrees Celsius of warming, they said.

The study, published in the journal Nature Ecology & Evolution, analysed data from over 35,000 species of animals -- including mammals, amphibians, reptiles, birds, corals, fish, cephalopods and plankton -- and seagrasses from every continent and ocean basin, alongside climate projections running up to 2100.

The researchers investigated when areas within each species' geographi-



Researchers hope that their study could help with targeting conservation efforts, as their data provides an early warning system showing when and where particular animals are likely to be at risk.

cal range will cross a threshold of thermal exposure, defined as the first five consecutive years where temperatures consistently exceed the most extreme monthly temperature experienced by a species across its geographic range over recent history (1850-2014). Once the thermal exposure threshold is crossed, the animal is not necessarily going to die out, but there is no evidence that it is able to survive the higher temperatures, according to the researchers.

The research projects that for many species there could be an abrupt loss of habitat due to future climate change, they said.

The researchers found a consistent trend that for many animals, the thermal exposure threshold will be crossed for much of their geographic range within the same decade.

"It is unlikely that climate change will gradually make environments more difficult for animals to survive in. Instead, for many animals, large swaths of their geographic range are likely to become unfamiliarly hot in a short span of time," said study lead author Alex Pigot from University College London (UCL) in the UK.

"While some animals may be able

to survive these higher temperatures, many other animals will need to move to cooler regions or evolve to adapt, which they likely cannot do in such short timeframes," Pigot said.

The study suggests that once a species is suffering under unfamiliar conditions, there may be very little time before most of its range becomes inhospitable.

The researchers hope that their study could help with targeting conservation efforts, as their data provides an early warning system showing when and where particular animals are likely to be at risk.

"In the past we have had snapshots to show the impact of climate change, but here we are presenting the data more like a film, where you can see the changes unfold over time," said study co-author Christopher Trisos from the University of Cape Town.

"This shows that for many species the risk is a bit like everything, everywhere, all at once. By animating this process, we hope to help direct conservation efforts before it's too late, while also showing the potentially catastrophic consequences of letting climate change continue unchecked," Trisos added.

## John Goodenough: The lithium battery luminary dies at 100

#### Agence France-Presse

**WASHINGTON:** John Goodenough, who shared the 2019 Nobel Prize in Chemistry for developing the lithiumion battery that revolutionized modern life, has died at the age of 100, the University of Texas announced.

Goodenough died on Sunday, said the university, where he worked as an engineering professor.

The US scientist's contributions to the development of lithium-ion batteries paved the way for smartphones and a fossil fuel-free society. "John's legacy as a brilliant scien-

tist is immeasurable -- his discoveries improved the lives of billions of people around the world," Jay Hartzell, president of the University of Texas at Austin, said in the statement.

"He was a leader at the cutting edge of scientific research throughout the many decades of his career."

In 1986, at the age of 64, Goodenough joined the University of Texas where he served as a faculty member in the Cockrell School of Engineering for 37 years.

"The world has lost an incredible mind and generous spirit. He will be truly missed among the scientific and engineering community, but he leaves a lasting legacy that will inspire generations of future innovators and researchers," said Sharon Wood, provost of the University of Texas.

Goodenough became the oldest person to win a Nobel Prize when at the age of 97 he shared the 2019 chemistry award with Britain's Stanley Whittingham and Akira Yoshino of Japan for the invention of the lithium-ion battery.

Seeking an alternative source of power during the oil crisis of the 1970s, Whittingham discovered a way to harness the potential energy in lithium, a metal so light it floats on water.

However, the battery he constructed was too unstable to be used. Goodenough built on Whittingham's prototype, substituting a different metal compound and doubling

ferent metal compound and doubling Go the potential energy of the battery to wo four volts.



In this Feb. 1, 2013 file photo, President Barack Obama awards the National Medal of Science to John Goodenough, of the University of Texas, during a ceremony in Washington. Goodenough shared the 2019 Nobel Prize in chemistry for his work helping develop the lithium-ion battery which eventually transformed technology with rechargeable power for devices ranging from cellphones, computers, and pacemakers to electric cars.

This paved the way for far more powerful and durable batteries in the future.

In 1985, Yoshino instead used a carbon-based material that stores lithium ions, finally rendering the battery commercially viable.

The culmination of the trio's research resulted in the most powerful, lightweight and rechargeable battery ever seen.

### 'A rechargeable world'

"They created a rechargeable world," the Royal Swedish Academy of Sciences, which awarded the accolade, said at the time.

"Lithium batteries have revolutionized our lives since they first entered the market in 1991," and were "of the greatest benefit to humankind". Their work considerably boosted human mobility, and allowed millions in developing countries to access information and services online with just a mobile phone. Lithium-ion batteries have also

reduced the reliance on planetwarming fossil fuels, especially in electric cars.

On receiving news of his Nobel, Goodenough expressed pride in the worldwide impact of his work.

"I'm extremely happy that my dis-

covery has been able to help communication through the world," he said.

"We need to build relationships, not wars. I am happy if people use this for good, not evil."

Born in 1922 in Germany, Goodenough grew up in the United States and earned a bachelor's degree in mathematics from Yale University.

After serving as a meteorologist in the US Army during World War II, Goodenough earned a master's degree and a PhD in physics at the University of Chicago in 1952, according to the University of Texas statement.

From 1952, he worked at the Massachusetts Institute of Technology's Lincoln Laboratory for 24 years and laid the groundwork for the development of computer random-access memory (RAM).

Goodenough was head of the inorganic chemistry laboratory at Oxford University when he made his lithiumion battery discovery.

In 1986, he joined the University of Texas where he was known for his "quick wit and infectious laugh."

He was still coming into work well into his 90s, the university said.

Goodenough and his wife Irene were married for 70 years, until her death in 2016.



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### Hindustan Times WORLD OF SPORT

AFP

### CRICKET

### 'Bumrah bowling seven overs a day at NCA'

BENGALURU: When is Jasprit Bumrah returning to the Indian team? Neither the injured pacer nor the ones working on him have a definitive answer to that. But the good news is that Bumrah has bowled seven overs in a day at the National Cricket Academy (NCA) nets, a development that will bring smile to the Indian fans looking forward to the 2023 World Cup with optimism. The schedule for the mega event was released in Mumbai on Tuesday.

Bumrah had undergone surgery for a recurring back niggle in New Zealand in March and since then he has been on the recovery path.

Bumrah has last played for India



during the home T20Is against Australia in September, 2022. So, will he be able to make a comeback during the T20I series against Ireland or in the Asia Cup? "For an injury of this nature, it is not wise to set any timeline as constant monitoring is necessary. But it can be said that Bumrah is recovering well and he has bowled seven overs at NCA nets. It is a steady increase in his workload from the light workouts and bowling sessions of the initial period. "He will play a few practice matches (at NCA) next month, and there will be a close assessment of his fitness then," a source tracking the development told PTI. Ramji Srinivasan, former strength and conditioning coach of Team India, said extreme care should

be taken while bringing back Bumrah. "He should not be hurried. Playing practice matches at the NCA is a good step as it will help tune his body to the demands of a match. But he should be made to play in some actual (domestic) matches before bringing him to top level cricket.

"The demands of international cricket are different and the body should be absolutely ready to take that amount of workload. Recovering from stress fracture is a delicate exercise and Bumrah should be allowed maximum recovery time," Ramji told PTI

KL Rahul and Shreyas Iyer, who have also been recuperating at NCA, are also progressing as expected though no specific timeline has been set for their return as well.

Rahul had undergone a thigh surgery in London while Shreyas too went under the knife in London after being troubled by a bulging disc on his lower back.

Jasprit Bumrah.

CYCLING

### Cavendish plots Tour de France last hurrah

BILBAO: Cycling's all time great sprinter Mark Cavendish has nothing to prove except perhaps to himself as he embarks on his final Tour de France on Saturday.

Fans will crowd finish lines along the 3,404km route from Bilbao to Paris hoping to witness the 38-yearold celebrate sole ownership for the record of Tour de France stage wins.

Locked with Belgian legend Eddy Merckx since an astonishing return to form on the 2021 Tour lifted his tally to 34, he was encouraged to bow out on a high after being overlooked for the 2022 edition.

Cavendish scorched into the cycling limelight in 2008 celebrating his first four Tour de France stage wins with ingenious craft and celebrations of such passion he attracted new fans to the spor

#### Mark Cavendish.

viewers with routes that invite a maverick approach resulting in fewer stages for the pure sprinters such as Cavendish.

Whether he manages to pull off nother stage win or not, his and Merckx's massive tally will likely never be beaten.

### ODI WORLD CUP



Former India cricketer Virender Sehwag (L) jokes with former Sri Lanka cricketer Muttiah Muralitharan while posing with the World Cup trophy on Tuesday.

# India-Pakistan game, final to be played in Ahmedabad

Agencies sportsdesk@hindustantimes.com

MUMBAI: The world's largest cricket stadium in Ahmedabad will play host to the big-ticket ODI World Cup group match between India and Pakistan on October 15 besides staging the grand finale on November 19, the ICC announced on Tuesday.

The tournament will begin on October 5 with a clash between defending champions England and runners-up New Zealand at the Narendra Modi Stadium in Ahmedabad, which is the largest in the world with a seating capacity of 1,32,000 spectators --32,000 more than the iconic Melbourne Cricket Ground (MCG)

#### hosts India will begin their campaign with a mouth-watering clash against Australia on October 8 in Chennai.

to the ODI showpiece, the ICC said

With Guwahati among 12 venues picked to host the matches including warm-up games, it's the first time the World Cup is entering the northeast India. There will be a total of 10 venues - Hyderabad, Ahmedabad, Dharamsala, Delhi, Chennai, Lucknow, Pune, Bengaluru, Mumbai and Kolkata -hosting the matches in the tournament proper. Guwahati and Thiruvananthapuram in addition to Hyderabad will host the warm-up games from September 29 to October 3.

Twelve hosting associations were alled in Mumbai on Monday to dis-

between Australia and England in the matches. These will be followed by the 1987 edition, in which the former prevailed.

Pakistan had earlier asked for their match against India to be shifted to either Chennai, Bengaluru or Kolkata, but the ICC and BCCI rejected their request

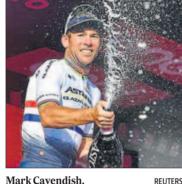
There will be 10 teams at this year's World Cup. As hosts, India have qualified directly, as have Afghanistan, Australia, England, Bangladesh, New Zealand, Pakistan, and South Africa through the 2020-2023 ICC Cricket World Cup Super League.

Two other teams will make it to the World Cup through the World Cup Qualifiers, which is being currently played in Zimbabwe. Apart from former champions Sri Lanka and the West Indies, the Qualifiers also feature Ireland, Nepal, the Netherlands, Oman, Scotland, the UAE, the USA, and hosts Zimbabwe.

semifinals and the final.

#### India's challenge

For a team looking for its first ICC title in 10 years, it will be a humongous challenge for Rohit Sharma's men to go all the way in a tournament wherein they play at nine different venues — most for any team — across the country and needless to say, in different conditions. And it will be no exaggeration to say that India's performances in the first week itself could set the tone for them – Australia are a different beast in World Cup events, Afghanistan's spin threat is only growing, and Pakistan always challenges India to bring their 'A game forward. While India's record in ICC World Cup tournaments against Pakistan is not invincible anymore, the tension, the challenge, the pressure on the day and the gargantuan expectations that the team would deal with for this game alone, let alone the World Cup, will push them to the hilt.



Prickly post-stage interviews only added lustre to a burgeoning star quality amongst the hardcore of fans who admire his old school hard-man persona

Grand tour cycling has undergone profound change as planners have jazzed up the format for television

Despite that, Cavendish's quest will form an intriguing storyline alongside the struggle between defending champion Jonas Vingegaard and two-time winner Tadej Pogacar for the overall title.

The two semifinals of the mega event will be played at Mumbai's Wankhede Stadium and the Eden Gardens in Kolkata -- both iconic venues with a rich legacy -- on November 15 and 16 respectively, as per the schedule announced on Tuesday.

Ringing in the 100-day countdown

cuss the details and finalise the venues before Tuesday's official announcement. The Wankhede hosted the final of the 2011 World Cup, in which a Mahendra Singh Dhoni-led India beat Sri Lanka to end a 28-year-old title drought, while the Eden Gardens played host to the summit showdown

At the World Cup in India, the 10 teams will play each other once in a round-robin league featuring 45

### HOCKEY

### Khandker named junior women's head coach

**NEW DELHI:** Hockey India appointed former skipper Tushar Khandker as head coach of the junior women's national team, which is now preparing for the World Cup, scheduled to be held in Santiago from Nov 29 to Dec 10. Khandker replaced Harvinder Singh, who was named coach on an interim basis after Eric Wonink left the position in January. Women's chief coach Janneke Schopman, who looks after both senior and junior sides, is busy

with the Asian Games preparation. While Khandker's credentials are backed by a prolific career in international hockey, he has over the last decade developed a strong portfolio in coaching. "I have always been inclined towards coaching after my playing career. Over the years, I have worked under some renowned coaches in world hockey and have learnt a lot working with them," Khandker was quoted as saying in a press release.



Britain's Katie Boulter in action during her round of 32 match against Croatia's Petra Martic at the Eastbourne International.

ACTION IMAGES VIA REUTERS

### CRICKET **England call up Tongue in full pace attack for 2nd Ashes Test**

#### Agencies

sportsdesk@hindustantimes.con

LONDON: Seamer Josh Tongue has replaced Moeen Ali in England's team for the second Ashes Test against Australia at Lord's.

Spinning all-rounder Moeen suffered a burst blister on his right index finger in the narrow two-wicket defeat in the series opener at Edgbaston.

Worcestershire paceman Tongue, 25, is preferred to the express pace of Mark Wood -- whose career has been blighted by injuries -- for the match, which starts on Wednesday.

Seamer Chris Woakes and leg-spinner Rehan Ahmed were also overlooked in preference of Tongue, who impressed with a maiden five-wicket haul on his debut against Ireland earlier this month. "We needed to get to Lord's first and see what conditions we were faced with," England captain Ben Stokes said on Tuesday.

"We wanted to play Mark Wood but we felt while he could definitely start the game, we felt an extra week of build-up and loading him would give him a better chance to play fully from Headingley (third Test) onwards.

"And we brought Tonguey into the team as a like-for-like with Woody. I'm looking forward to seeing Tonguey continue his great start he had against Ireland here.

"Me and Mark are great friends, we go back a long way...I spoke to him about how I'd want him to operate in this game and he was very honest with me. He wasn't sure if he'd be able to give what he's known for throughout this Test match. So the decision



England's Josh Tongue during practice at Lord's cricket ground.

was made to allow him to keep building his body up to give himself the best opportunity to go out from Leeds onwards to play a full part."

#### Lot of grass

Speaking about Moeen, Stokes added: "We turned up here and have seen a lot of grass on the wicket, it is a bit green.

"Traditionally Lord's offers more for seamers and with how Mo's finger has recovered, actually recovered

really well, I thought we would get more with four seamers and went with Tongue.'

REUTERS

Meanwhile all-rounder Stokes said he had suffered no adverse reaction from a longstanding knee problem after bowling at Edgbaston.

"Being able to bowl that longer spell on the last day was another confidence boost for me," he said. "At the moment, things are looking good and hopefully I can play even more of a part with the ball in this game."

### SKIPPER CUMMINS **CONSIDERING STARC RECALL BUT COY ON BOWLING ATTACK**

### Agencies

sportsdesk@hindustantimes.com

LONDON: Australia's left-arm quick Mitchell Starc could be in contention to return to the bowling attack for the second Ashes test at Lord's but captain Pat Cummins said he may delay a decision on the final lineup closer to Wednesday's toss.

The Lord's pitch appeared reasonably green two days before the test and, should it remain that way, is expected to provide more pace and bounce than the flat track for the opener at Birmingham, where Australia won by two wickets.

Cummins said the weather may also come into play, with heavy clouds forecast for Wednesday potentially altering the surface, as he faces a selection headache with Starc, Scott Boland and Josh Hazlewood vying for two slots in the pace attack.

"I think it's a factor, well see," Cummins told reporters on Tuesday. "We'll work it out tomorrow, give the wicket another day, see what they do with it, see what the weather's like.

"I thought everyone who played last week did a great job. We've got Starcy there obviously who didn't play last week who comes into the conversation as well."

Cummins shared a match-winning 55-run stand with Nathan Lvon in the first test as Australia's gritty and often cautious performance trumped England's audacious 'Bazball' flamboyance.

The skipper said Australia will stick to their approach and aim to wear out England before the third test at Headingley, only four days after the scheduled end of the second.

### Hindustan Times DIFFERENT STROKES

### NEW DELHI WEDNESDAY JUNE 28, 2023

# Art and poetry: enriching pursuits

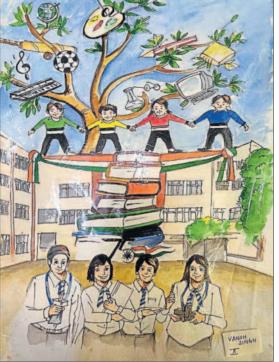
Creative endeavours like art and poetry accord an enriching experience for the mind, body and soul. The satisfaction of starting a poem or a painting and seeing it to conclusion is unparalleled. These artistic pursuits should be encouraged in students as they help in the holistic development of children and also bring out their innovative side, which fosters creative thinking.



**Lamha Kalia,** Class 7 B, Ambience Public School, New Delhi

06





**2** Vansh Singh, Class 10, Cambridge Foundation School, Rajouri Garden

> Entries have been judged by Malay Karmakar, Senior Art Director, HT Media Ltd.



▲ 5 Saanvi Rajora, Class 9 C,

Ambience Public School, New Delhi





### Imagine A Mountain Range

Imagine a mountain range, leaves and petals filled with dew. Most of the things grown new As the sun rose they grew and grew. The nature all around amazing and a beaut. If you are walking you will find, that nature is very kind. If it is raining you would find even the dry leaves are a beauty to the mind. Flowers bloom during spring as if they are wearing clothes with bling. The water sparkles at night as if it is the sun shining bright.

Vihaan Kathuria, Class P5 C, Gyan Bharati School, Saket

### **The Majestic Elephants**

Elephants roam with graceful might, Lending the forests, a majestic sight, Their nature complex, yet so true, Teaching the mankind, a purpose to pursue. Tamil Nadu's tale, an Oscar jewel, Elephant's soul, oh so cool, Their qualities mirror our own, A bond with us forever sown. Care takers, guardians of heart, Metonymy for a love that won't depart, As Elephant and human unite, Nature gets filled with delight.

Disha Thukral, Class 7 C, Convent of Jesus & Mary, New Delhi



Λ



Manasvi Goyal, Class 10 A,

Delhi Heritage School, Sector-22, Rohini

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