



THE TIMES OF INDIA

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STUDENT EDITION

THURSDAY, AUGUST 6, 2020



WEB EDITION

SPLASHDOWN LANDING

WHAT The NASA and SpaceX's joint endeavour – the Crew Dragon, returned to the Earth on August 2, 2020 via a splashdown at sea

HOW The astronauts, Robert Behnken (Bob) and Douglas Hurley (Doug), made a splashdown landing in the Gulf of Mexico. Splashdown is a method of landing a spacecraft by parachute in a water body



WHY IS IT SIGNIFICANT

1 Previous NASA space vehicles have returned to the Earth via airstrip landing, this was the first splashdown at the sea in 45 years

2 The return trip is an important part of the Crew Dragon's first flight

3 After the launch, the re-entry through the Earth's atmosphere is the second most dangerous phase of a spaceflight. The friction of air rushing past, heats the bottom of the capsule to about 3,500 degrees Fahrenheit

4 A successful conclusion to the trip opens the door to more people flying to space. Some companies have already announced plans to use Crew Dragons to lift wealthy tourists to space



DID YOU KNOW? Earlier, the NASA space vehicle launches would culminate into landing at the Space Shuttle Landing Facility (SLF) at Cape Canaveral Spaceport. The space coast site has a 15,000-foot runway, a veteran of more than 130 Space Shuttle landings

YOUR CAREER GUIDE

Want to become an ISRO astronaut? Here's what is required

- One of the most important factors to become an astronaut is how well you are versed with the subject of astrophysics and other fields of sciences related to space
- If you have a bachelor's degree, you can appear for an entrance exam, which is held by the NASA and ISRO

- You should be at least 21 years of age, while applying
 - To be an astronaut, the eyesight of 6 by 6 is not enough. Your near and far vision must be 20 by 20 for each eye
 - The height requirement varies from aeronautical administrations to administrations, though an average height required is from 5'2" to 6'2"
- (Source: ISRO, NASA)

Is it safer to land on water than on land?

A spacecraft can return to the Earth safely in either environment. During the 1960s and 1970s, NASA's Mercury, Gemini and Apollo capsules all splashed down in the ocean, while Soviet capsules

ended their trips on land. Russia's current Soyuz capsules continue to make ground landings, as do China's astronaut-carrying Shenzhou capsules. The last water landing by NASA astronauts occurred in July 1975 at the end of the Apollo-Soyuz mission

What do astronauts experience during a water landing?

Returning from the free-fall environment of the space orbit to the normal forces of gravity on the Earth is often disorienting for the astronauts. A water landing adds the possibility of sea-sickness.

THIS DAY THAT YEAR AUG 6



1926: Gertrude Ederle from New York, at the age of 19, became the first woman to swim the English Channel, breaking the men's record by nearly two hours

1945: The United States dropped an atomic bomb on Hiroshima, Japan—the blast killed more than 70,000 people and destroyed most of the city—in an effort to hasten the end of the World War II

1962: After 300 years of the British rule, Jamaica became an independent country within the Commonwealth of Nations.

1990: The UN Security Council imposed economic sanctions on Iraq, ruled by Saddam Hussein, for its invasion of Kuwait, four days earlier.

2012: NASA's robotic vehicle Curiosity (also called Mars Science Laboratory) landed on Mars, and soon began transmitting images of the planet's surface

(Source: Britannica.com)

NEWS IN BRIEF

CLICK HERE FOR MORE

IIT, KGP researchers awarded for generating power from wet clothes

A group of researchers from IIT, Kharagpur has been conferred the 'Gandhian Young Technological Innovation Awards 2020' for developing a mechanism for generating electricity from wet clothes left under the sunlight to dry, a spokesperson of the institute said. Another team from the institute was separately granted the same award for addressing the problem of energy conservation and thermal management in wearable and flexible electronic devices.

INNOVATION

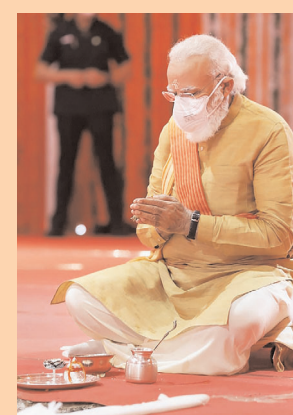


➤ The device has been tested in a remote village, where around 50 wet clothes were left for drying by the washer men. These clothes were connected to a commercial super capacitor, which discharged electricity of around 10 volt. This stored energy is enough to glow a white LED bulb for more than an hour

➤ "The clothes we wear are made from cellulose-based textile, which has a network of nano-channels. Ions in saline water can move through this interlace fibrous nano-scale network by capillary action, inducing an electric potential in the process," explained the researchers from the department of mechanical engineering

Wait over, finally! Modi lays the first brick of Ram Mandir

PM Narendra Modi laid the foundation stone of the much-awaited Ram Mandir in Ayodhya on Wednesday



THE PROPOSED TEMPLE

- The temple will be 161-foot-tall, and almost double the size of what was originally planned, according to its architect.
- The design was modified after the SC verdict in November on the 2.77 acre site claimed by both Hindus and Muslims, where the 16th century Babri mosque stood. The SC said the site would be handed over for a Ram temple and an alternative five-acre site would be given to Muslims.
- Architect Chandrakant Sompura, who comes from a family of temple architects, was asked around 30 years ago to design the Ram temple. (PTI)

Ram Mandir will become the modern symbol of our traditions. It'll become a symbol of our devotion, our national sentiment. This temple will also symbolise the power of the collective resolution of crores of people. It will keep inspiring the future generations

NARENDRA MODI,
Prime Minister

Students tie rakhis on trees with 'Save Environment' messages

Students in Moradabad celebrated Rakshabandhan in a unique way by tying rakhis on trees with messages like 'Save Environment' and 'Save Trees, Save Life'. This was done by the students in an attempt to raise awareness about the environment.

Shilpi Saini, a student said, "Taking this opportunity to spread awareness about the environment, we are tying rakhi on the trees. With the messages, 'Save Environment' and 'Save Trees, Save Life,' we want to tell everyone about the benefits of the trees for the mankind." "With the rise in population, the trees are being chopped down. It is our responsibility to protect these trees; it helps our environment," said another student, Pushpanjali Singh



ENVIRONMENT

Huge explosion rocks Beirut



A massive explosion rocked downtown Beirut on Tuesday, flattening much of the port, damaging buildings and blowing out windows and doors as a giant mushroom cloud rose above the capital. The cause of the blast was not immediately known. It was shocking even for a city that has been shaken by civil war, suicide bombings and bombardment by Israel.

BESTSELLERS ON NYT LIST

THE ONE AND ONLY BOB by Katherine Applegate. Illustrated by Patricia Castelao. In this sequel to 'The One and Only Ivan', Bob sets out on a dangerous journey in search of his long-lost sister.



WONDER by R J Palacio. A boy with a facial deformity starts a school



DIARY OF AN AWESOME FRIENDLY KID by Jeff Kinney. Greg's best friend Rowley Jefferson writes his own diary



WINGS OF FIRE: LEGENDS: DRAGONSLAYER, by Tui T Sutherland. Ivy, Leaf and Wren fight for the survival of the human race against the dragons



A TALE OF MAGIC..., by Chris Colfer. In a world, where magic is outlawed and women are forbidden to read, Brystal Evergreen defies the odds



AVATAR, THE LAST AIRBENDER: THE SHADOW OF KYOSHI by FC Yee. Kyoshi must stop a mysterious threat that emerges from the Spirit World



HAWK by James Patterson. Ten years after Maximum Ride, a new hero emerges in a post-apocalyptic New York City



CHAIN OF GOLD by Cassandra Clare. Cordelia battles demons in a quarantined London, unlike things, she's encountered before



CLAP WHEN YOU LAND by Elizabeth Acevedo. Unknown to each other, two sisters meet, when their father dies in a plane crash



Times NIE Principals' Webinar to be held on Aug 8

Times NIE Hyderabad is organising its first Principals' Webinar on Saturday, August 8 at 3:00 pm. The event is sponsored by HPCL and is being held in association with Roots Degree College. The 90 minutes engaging session will have eminent panelists from different fields sharing their views on the topic 'Adapting to the new normal in a post COVID 19 world.' The experts will talk about ways to tackle the challenges that have emerged due to the pandemic.

TOPIC: ADAPTING TO THE NEW NORMAL IN A POST COVID 19 WORLD

PANELISTS: R S Praveen Kumar, Additional DGP, Secretary of the Telangana Residential Educational Society, K Sujatha Rao, Former Secretary of Health and Family Welfare, Govt of India, **Pullela Gopichand**, Chief National Coach, Indian Badminton team and **Navin Mittal**, Commissioner of Collegiate & Technical Education, GoT.

DATE: Saturday, August 8, 2020

TIME: 3:00 - 4:30 pm

DURATION: 90 mins

HOW TO LOGIN: Simply log in to our website www.toistudent.com from your desktop or laptop, click on the Webinar icon on the top right corner, register for the Hyderabad Webinar and join the session.

You can join directly by clicking on the link below: https://timesgroup.zoom.us/join/register/WN_PiMdBIITYSk07kMcCLp0w



Our Success Stories

'Stay focused on your goal'

NIE has always taken pride in the achievements of our readers. Now, it's that time of year again where we feature those students who have aced their board examinations...



MARKS:
97.8%

STUDENT: Soumya Pranavi Palepu

CLASS: X 'B'

BOARD : CBSE

SCHOOL: Delhi School of Excellence, Banjara Hills, Hyderabad

Your initial reaction on hearing the news?
I felt euphoric upon hearing my score. It was a proud moment, seeing the result of my persistent efforts.

What do you attribute your success to?
I owe my success to my teachers, who have guided me to learn smartly and have placed utmost faith in me. I am thankful to my family who has encouraged me and enabled me to achieve success.

Your message to the students appearing for the boards this year?
Always give first priority to the textbooks. Stay focused on the end goal. Remember, this is a marathon, not a sprint. Work hard, have faith in yourself, and you will surely succeed. Good Luck!

Your next step?
My next step is to pursue design engineering and specialise in IOT.

“Hearty congratulations to DeeSians for the wonderful performance in the AISSE 2019-20 exams! You have, with your hard work and relentless efforts, proved that success follows you as long as you are determined to accomplish. You have made your teachers and parents proud with your accomplishments. May you all be blessed abundantly.”

T Veena Murthy, Principal, Delhi School of Excellence, Banjara Hills



Pallavi Model School Boduppal

To celebrate the beautiful bond between siblings, Raksha Bandhan was celebrated with much jubilation in Pallavi Model School, Boduppal. The celebrations began with a special online assembly for the students of pre-primary wing. The principal addressed the gathering. Janani, the parent of a student from PPI C, explained the importance of the festival. Teachers explained the significance of Rakshabandhan and narrated the story of Lord Krishna and his sis-

ter Subhadra. The story also suggested that 'Rakhis' used in ancient India were amulets, used by sisters for prayers and to guard brothers. These threads were not limited to only sister-brother relationships.

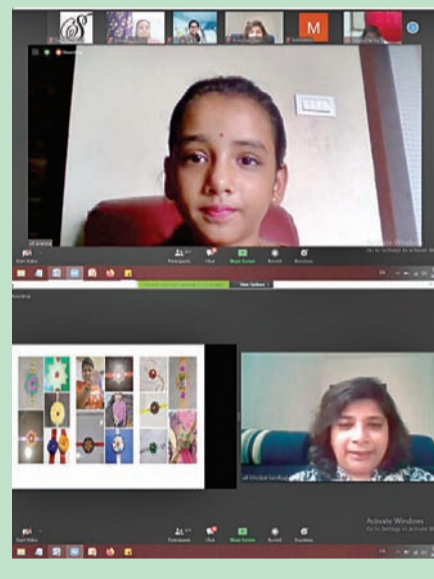
The story was followed by a role play in which a girl tied a Rakhi on her brother's wrist and went on to enact how the ritual of the festival is performed. Post the role play, the assembly hall resonated with the reciting of the classic Raksha Bandhan special song 'phulo ka taron ka sab ka kehna hai, ek hazaro mein meri behena hai'. The session ended with a vote of thanks.

The Global Edge School Kukatpally

Raksha Bandhan is celebrated on the full-moon day of the Hindu month of Sravana (July/August), to rejoice the love of a brother for his sister. On this day, sisters tie Rakhi on the wrists of their brothers to protect them against evil influences and pray for their long life and happiness.

On the occasion, The

SIBLINGS BOND ON A FESTIVE DAY



Pallavi International School Gandipet

Pallavi International School, Gandipet, has made a new mark of celebrating integrated festivals virtually. Both Eid-al-Adha and Rakshabandhan were conducted gracefully online. The event started with a rendition of the national song followed by a pledge and school song. The speech given by the principal left all students overjoyed. The event continued with speeches rendered by the students and teachers in different languages. A dance performance on Ganesh Vandana was also performed remembering Lord Ganesh on the occasion. The event came to an end with a vote of thanks.



Niraj Public School Hyderabad

Raksha Bandhan is celebrated across the country with great fervour and enthusiasm. On this occasion, a sister ties the Rakhi on her brother's wrist while the latter promises to protect

her all through her journey of life.

Niraj Public School gave the students of primary wing a wonderful opportunity to make Rakhis. Students of class I made colourful Rakhis using the limited resources available at their homes. The little ones left no stone unturned in showcasing their talent

Pallavi Aware International School Saroonagar

Raksha Bandhan is a special occasion to celebrate the virtuous bond of love between a brother and a sister. The festival was celebrated with lots of fun and frolic amidst involvement of parents and children of pre-primary classes at Pallavi Aware International School, Saroonagar. To mark the occasion, 'Parent - Child Rakhi Making Activity' was conducted which was followed by 'Parent - Child Dance'. Both parents and children participated with a lot of enthusiasm and presented wonderful performances.



ART ON THEIR FINGERTIPS



Special Education Team, Gitanjali Devashray Hyderabad

The Special Education children of Gitanjali Devashray showcased their creativity by preparing colourful greeting cards as part of the Art and Craft Activity. This activity, initiated by the Special Edu-

cators, saw a wide range of motifs being done by the children which helped them to work on their fine motor skills and gave them an opportunity to express themselves in a myriad of compositions and patterns. These designs were an imprint of the fingertips of these students using colourful crayons and shapes. The teachers who guided these students were appreciated by the school.

A GLORIOUS CAREER

CRPF Public School

Anuradha, principal of CRPF Public School, Jawaharnagar received a warm farewell from the management and staff of the school as she retired on July 31 after 16 years of dedicated service. The programme began with the lighting of the lamp followed by a prayer. Manager M Raghuram, DIGP, CRPF GC, RRY, assistant manager Sunil Kumar commandant CRPF GC, RRY and B Ratnamma, Deputy Commandant CRPF GC RRY graced the occasion as special invitees.

In his address to the gathering, the manager praised the principal for her long and committed service to the school. He hoped that her second innings, post retirement would be even more fruitful and successful. He then presented her with a memento as a token of gratitude. Vice-principal D Aparna read out the citation and spoke about all the things she had learnt under the tutelage of Anuradha. The staff members spoke in length about their association with the principal. Headmistress Asha G Kumar went down the memory lane remembering various anecdotes from her 16-year long



relationship with the head of the institution. The staff members presented a parting gift as a token of their love and affection. The senior-most teacher of the school, K Gopala Krishna, TGT Sanskrit, proposed the vote of thanks. All the safety measures in view of the Covid 19 pandemic were followed strictly during the celebrations.

Fighting a deadly virus

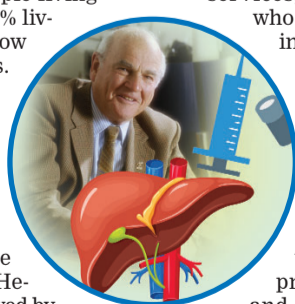
Sanjana Chandra Ragala, class VII B, Tatva Global School Hyderabad

The outbreak of coronavirus has made us all stay at home for safety, but there was and still is a very deadly and silent virus named Hepatitis which affects the liver. World Hepatitis Day is observed annually on July 28, the birth anniversary of Dr Baruch Blumberg (1925-2011). Dr Blumberg discovered the Hepatitis B virus in 1967 and two years later developed the first Hepatitis B vaccine. For these achievements, he received the Nobel Prize. Nearly 325 million people are living with Hepatitis B and C virus, 900,000 deaths per year are caused by Hepatitis B virus infec-

tion, only 10 % of people living with Hepatitis B and 19% living with Hepatitis C know their Hepatitis status. About 42% of children, globally, have access to the birth dose of the Hepatitis B vaccine.

PREVENT infection among new-born. All new-born should be vaccinated against Hepatitis B at birth, followed by at least two additional doses. **STOP** transmission from mother to child. All pregnant women should be routinely tested for Hepatitis B, HIV, and syphilis and receive treatment if needed. **LEAVE** no one behind. Everyone should have access to Hepatitis prevention, testing, and treatment

services, including people who inject drugs, people in prisons, migrants, and other highly-vulnerable populations. **EXPAND** access to testing and treatment. Timely testing and treatment of viral Hepatitis can prevent liver cancer and other severe liver diseases. **MAINTAIN** essential Hepatitis services during COVID-19. Prevention and care services - such as infant immunization, harm reduction services, and continuous treatment of chronic hepatitis B - are essential even during the pandemic. Let's also together fight this virus.



Eat healthy to stay healthy

Delhi Public School Nadergul

With an objective to educate children about the importance of inculcating the habit of consuming healthy foods, Delhi Public School, Nadergul celebrated Nutrition Week recently. During the week-long celebrations, children revisited their lessons on the importance of healthy habits, establishing and following routines, healthy eating and physical well-being. Each day of the week was dedicated to a specific healthy habit:

Day 1 On Munching Monday, children enjoyed breakfast munching on healthy dry fruits.

Day 2 Toasty Tuesday. On this day, students were asked to

enjoy a crunchy and toasty dish to keep their teeth strong.

Day 3 Warm Wednesday was about consuming hot drinks like water, milk, soup to improve digestion and relieve congestion.

Day 4 Traditional Thursday allowed the children to get to know about traditional dishes and their nutritional value.

Day 5 Fruity Friday encouraged the students to have fruits. The children enjoyed decorating their plates with various fruits.

Day 6 Sumptuous Saturday marked the final day of Nutrition Week with a family meal planned by both students and their parents together. It also marked the fabulous celebrations of Parents Day, inculcating the value that eating together is an important part of family bonding.