



THE TIMES OF INDIA

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1 IN THIS ISSUE: We all know about social distancing. But do you know where and when the idea originated? Read more here. **IF YOU LOVE CARS, TRY PAINTING A BENZ. HOW? KNOW IT, HERE**

2 HAVE YOU REGISTERED ON THE SITE? If not, do so now. Also read our story: <https://toistudent.timesofindia.indiatimes.com/news/top-news/iit-d-develops-low-cost-test-kit-for-covid-19/50085.html> by clicking ON THE LINK

3 YOUR CORNER: Have activities or paintings to share? Or do you want to write something on the lockdown situation? Be our Times NIE reporter; send matter to timesnie175@gmail.com

STUDENT EDITION

MONDAY, APRIL 27, 2020



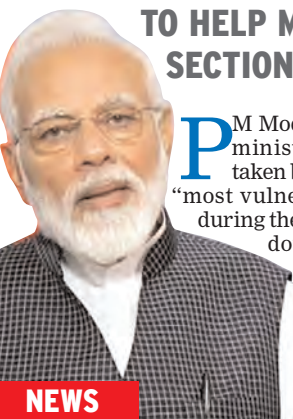
STIGMA ATTACHED TO COVID CAN CAUSE MORE DEATHS: AIIMS HEAD

Stigmatising of COVID-19 patients and their families is resulting in cases turning up late at hospitals, with heightened breathlessness, and this could mean increased morbidity and mortality, says Dr Randeep Guleria, director of AIIMS. 80% of patients need only supportive care, while 20% would require enhanced attention, and of these, only 5% need ventilators, he adds.



HEALTH

PM MODI HIGHLIGHTS STEPS TAKEN TO HELP MOST VULNERABLE SECTIONS



NEWS

PLAYING BEHIND CLOSED DOORS WOULD BE UNIQUE EXPERIENCE: TENDULKAR

Playing behind closed doors would not be upsetting, it would be a different experience, that is something most of the players would not have ever experienced. To not have anyone in the stadium would be a different challenge when you hit a boundary or six or get a wicket, you need to hear the response from the crowd to get some energy," says Sachin Tendulkar.

SPORTS

NEWS IN BRIEF

CLICK HERE FOR MORE

STEPHEN HAWKING'S FAMILY DONATES HIS VENTILATOR TO UK HOSPITAL FOR CORONAVIRUS PATIENTS



HOPE&SCOPE

The family of late Stephen Hawking, one of the world's best-known theoretical physicists, has donated his ventilator to a National Health Service (NHS) hospital in Cambridge to add to the additional supplies required during the coronavirus pandemic to treat infected patients. The 76-year-old physicist, who had motor neurone disease, used the ventilator constantly from 2013 until his death in 2018. The hospital says the ventilator has now been added to its fleet after an inspection by the hospital's clinical engineering team.

INSECT NUMBERS DOWN 25% SINCE 1990, GLOBAL STUDY FINDS

The biggest assessment of global insect abundances to date shows a worrying drop of almost 25% in the last 30 years, with accelerating declines in Europe. The analysis combined 166 long-term surveys from almost 1,700 sites and found that some species were bucking the overall downward trend. In particular, freshwater insects have been increasing by 11% each decade following action to clean up polluted rivers and lakes.



ENVIRONMENT

SERENA WILLIAMS' COACH AND TSITSIPAS LEND HELPING HAND

Serena Williams' coach, Patrick Mouratoglou, and 2019 Australian Open semi-finalist Stefanos Tsitsipas are starting an auction to raise money for tennis players ranked outside the top 100 and in need of financial help during the coronavirus pandemic. Mouratoglou and Tsitsipas tweeted about 'Beyond 100 Support' – they say the funds will go to professionals in both men's and women's tennis.



KNOW MORE

Most tennis players only make money when they are able to enter tournaments. But all tennis events are suspended at least until mid-July



INTERSTELLAR COMET IS AN UNUSUAL VISITOR FROM OUTER SPACE

Astronomers say that interstellar visitor 2I/Borisov is in some ways very different from comets that come from our own solar system. Close study of the comet, which is now zooming through our solar system, is also revealing insights into how other star systems might have formed, according to new scientific studies published recently. "This is the first time we've ever looked inside a comet from outside our solar system," says astrochemist and study lead author Martin Cordiner from NASA's Goddard Space Flight Center, in a statement, "and it is dramatically different from most other comets we've seen before," he adds.

SPACE

STAY ALERT

What not to do when lockdown ends



Most of you would be waiting to meet your extended family members and friends after the lockdown is over. However, remember that even if COVID-19 cases reduce in India, the virus won't disappear overnight. So, it will be more important than ever to safeguard your health post lockdown (whenever that happens).

DON'T PLAN A VACATION: It was mainly the movement of people from one country to another which led to such a worldwide spread of the disease. Even if the lockdown rules are relaxed, don't plan a family vacation for few months.

DON'T STOP WASHING

HANDS: One good habit which the spread of COVID-19 has inculcated in people is hand hygiene. Don't stop this good habit of regularly washing your hands as it will keep you healthy, even when coronavirus is gone.

DON'T PUT AWAY FACE MASKS: As the saying goes 'Precaution is better than cure', it is the best option to still use your face masks while in public. Ditto for social distancing.

NOT TAKING CARE OF RESPIRATORY HYGIENE: It's a bad habit to cough or sneeze openly in public. Cover your mouth with a tissue or cough and sneeze in your folded arm. This etiquette saves people from many viruses.



WILL IT WORK

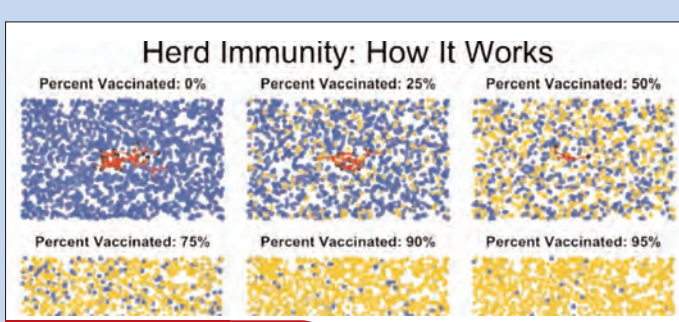
Theoretically, yes – measles, which is extremely contagious, with one person able to infect 18 others, needs at least 95% of the population to become immune in order to develop herd immunity. It was declared eliminated in 2000. COVID-19, which is far less contagious in that one person can infect 2-3 new people, requires 60% of the population to be immune, in order for herd immunity to kick in

KNOW MORE: HERD IMMUNITY

What: A study by Princeton University (PU) and the Centre for Disease Dynamics, Economics and Policy (CDDEP) – a health advocacy group – has said that countries like India may be better off depending on herd immunity to tackle COVID-19 rather than a lockdown.

Why: Herd immunity refers to a scenario in which a large section of the population becomes immune to a disease through vaccination or prior illness.

How: Since there's no vaccine, developing herd immunity involves deliberately introducing



Big Q: Do you think herd immunity is the only way to defeat the coronavirus? Tell us in about 60 words. Mail at timesnie175@gmail.com or log on to the website

the virus among the populace. A study advocates releasing the pathogen in a controlled manner by lifting the lockdown and allowing the workforce to resume their jobs, predicting that 60% of the Indian population will develop herd immunity by November.

X PLAINED

How social distancing started

Fourteen years ago, two federal government doctors, Richard Hatchett and Carter Mecher, met with a colleague in Washington for a final review of a proposal: telling Americans to stay home from work and school the next time the country was hit by a deadly pandemic. When they presented



their plan, it was met with skepticism and a degree of ridicule by senior officials. Hatchett and Mecher were proposing that Americans in some places might have to turn back to an approach, self-isolation, first widely employed in the Middle Ages.

It required the key proponents – Mecher, a Department of Veterans Affairs physician, and Hatchett, an oncologist turned White House adviser – to overcome intense initial opposition. Read the entire story here. Know about how the Bush government contributed to this concept

HOW A 14-YEAR-OLD HELPED WITH THE CONCEPT

➤ Laura Glass, then 14, had done a class project in which she built a model of social networks at her Albuquerque High School, and when her father, Robert Glass (a senior scientist at Sandia in New Mexico) looked at it, he was intrigued. Students are so closely tied together – in social networks, on school

buses and in classrooms – that they were a near-perfect vehicle for a contagious disease to spread. Glass piggy-backed on his daughter's work to explore with her what effect breaking up these networks would have on knocking down the disease.

➤ The outcome of their research was startling. By closing the schools in a hypothetical town of 10,000 people, only 500 people got sick. If they remained open, half of the population would be infected.

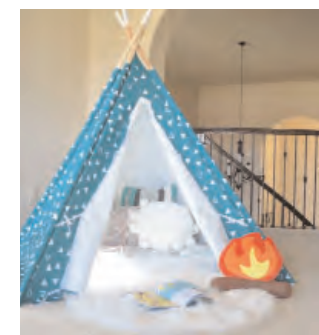
ACTIVITIES FOR THE WEEK

Wanna paint a Benz?

Love cars? Pencils ready? Paint your own Mercedes-Benz with colouring templates that have been tailor made to keep children busy and learn more about automobiles. Check out <http://mb4.me/Kidsartwork> and also #coloryourbenz. The best artworks will be featured in Benz FB album.



Be a creative geek!



A set of fun, constructive and creative activities for younger kids (4-8+) to do with built-in features of iPad and iPhone are here. 1. Use the Camera in Time-lapse mode to film building a pillow fort. 2. Create a name photo collage with found letters around the house. Where to access: activity guide in apple.co/creativityforkids.

FUN-ZONE

Rock the TEST

Want to boost your general knowledge? Take this exciting test. Rest assured, it will really test you!

SPACE

Theme: Solar system

Q1. Which way does Earth spin?

- A: From west to east.
B: From east to west.

Q2. Which of these is a moon of Jupiter?

- A: Enceladus B: Io

Q3. The asteroid belt is located between which two planets in the solar system. Which ones?

- A: Earth and Mars
B: Mars and Jupiter
C: Jupiter and Saturn
D: Saturn and Uranus

Q4. In which year was the first exoplanet discovered?

- A: 199 B: 1992



Q5. How long does it take for light from the Sun to reach Earth?

- A: 1 minute, 20 seconds
B: 8 minutes, 20 seconds
C: Instantaneous D: 24 hours

Q6. Which of these can be formed in a supernova?

- A: White dwarf
B: Neutron star

Q7. Which year did the Spirit and Opportunity rovers land on Mars?

- A: 1999 B: 2004

Q8. How old is the solar system?

- A: 5,000 years B: 5 million years
C: 5 billion years D: 500 billion years

Q9. How many planets are there in our solar system?

- A: Eight B: Nine C: Ten D: Eleven

Q10. Which planet looks reddish in the night sky?

- A: Jupiter B: Saturn
C: Mars D: Mercury

Q11. Which planet has the solar system's highest mountain Olympus Mons?

- A: Jupiter B: Uranus C: Venus D: Mars

ANSWERS TOPIC: SPACE Theme: Solar System 1. A 2. B 3. B 4. A 5. B 6. B 7. B 8. C 9. A 10. C 11. D

S.F. AND COMIC KIDS

Spot six differences between these panels.



CURRICULUM EXERCISES

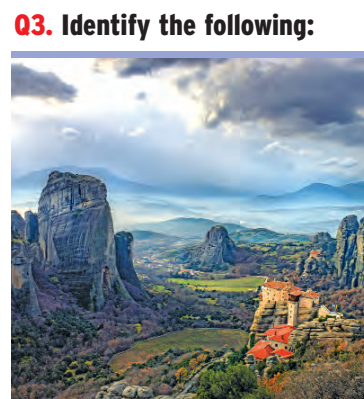
Q1. What percentage of earth surface is covered by India?

Q2. Fill in the blanks:

A. The present forest area of India, according to satellite data, is ____.

B. India's highest annual rainfall is reported from ____.

Answer: (1) 2.4 per cent (2) A) decreasing B) Mawsynram, Meghalaya (3) Meteora, Greece



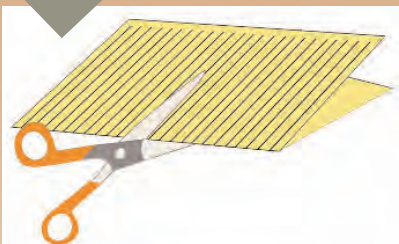
Making a paper lantern

Things Required

- Coloured paper
- Crafty glue
- Pencil
- Scissors
- Ruler
- Mirror, sequins

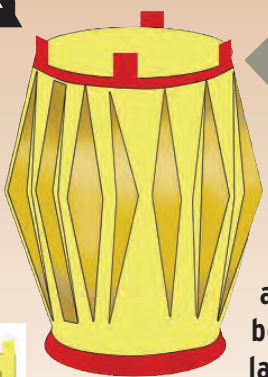
Step 2:

- Fold along the dotted lines and cut it.



Step 3:

- Open the paper strip and glue ends together. Paste red colour paper at the top and bottom of the lantern.



Step 4:

- Now decorate the lantern with mirrors and sparkles. Your lantern is ready. Put a diya inside and it'll look beautiful.



Arhaan Mathur,
class V, Shiv Nadar
School, Noida

Word Wise

Radiance: radiant brightness or light, warm, cheerful brightness, etc.

Synonymous words: brilliance, effulgence, gleam, glitter, glow, light, incandescence, luminosity, lustre, resplendence,

shine, etc.

Examples:

■ He found in their lives a **radiance** which he succeeded in capturing on his canvas.

■ She was blinded by the **shine** of the diamonds in the three-stringed necklace.

■ Nothing can match the **lustre** of Basra pearls.

FAMILY CIRCUS



"I'm sure glad Noah remembered to bring his kittycats on the ark."

GARFIELD



e-learning in time of corona !

The corona pandemic brought an abrupt end March 2020 classes. This left schools with new challenges, especially class X and XII students quarantined at home.

Most schools have initiated an action plan, to continue the classes through e-learning, which could trend, even after we tide over the present crisis.

Online classes would be a different experience for both teachers and students. We could organise a bit before setting out.

- Contents of the lesson plan could be packaged in a lucid and visually appealing manner with quick pointers to online resources, for students who are curious.
- Standardisation of contents will bring in a similar experience to different groups of students.
- e-learning contents can also be tailored to cater to the strengths and weaknesses of individual student requirements.
- e-learning provides flexibility in time and continuity in learning and are available any time to access or re-visit.
- Students can plan their day, for any other activity, they are passionate about and want to be part of.
- Digital learning platforms provided by the Ministry of Human Resources Development, with curriculum linked, curated content are available for reference.

Radha Vishwakumar, principal, Bharatiya Vidya Bhavan Sr Secondary School, Manvila, Thiruvananthapuram



FROM THE
PRINCIPALS DESK



ADITI S DEVAGIRI, Class III, Euro School,
North Campus, Bangalore

Painters' Gallery



AYUSHEE CHANDRA, Class VI, Hillwoods
Academy,



ADITI RATH, Class VII, Mother's Public School,
Bhubaneswar



SANVI KHURANA, Class IX, Greenway Modern
School, Dilshad Garden, Delhi



BHAAVYA GARG, Class VI, Delhi Public School,
Hyderabad