CLICK HERE: WWW.TOISTUDENT.COM

Japanese supercomputer is crowned **WORLD'S SPEEDIEST**

supercomputer developed by Japan's state-backed Riken research institute has emerged as THE WORLD'S FASTEST FOR COMPUTING SPEED, according to a twice-yearly ranking by the US-European TOP500 project. It is the first time in nine years that a Japanese supercomputer has captured the top position. The supercomputer, named Fugaku, after Mt Fuji, also took the top spot in three other categories that measured performance in computational methods for industrial use, artificial intelligence applications and big data analytics.

The Japanese supercomputer, jointly developed with Fujitsu Ltd, forms a key foundation for powerful simulations used in scientific research and the development of industrial and military technologies. Another supercomputer developed by the US ranked No 3, while China held both the fourth and fifth spots. ■ Currently being operated on a trial basis for research on potential medicines to fight corona, Fugaku is expected to be fully operational in April 2021.



A supercomputer is a computer with a high level of performance as compared to a general-purpose computer. The performance of a supercomputer is commonly measured in floating-point operations per second (FLOPS) instead of million instructions per second (MIPS)

Pluto has a vast ocean beneath its frozen crust!

latest study has revealed that Pluto harbours a vast ocean beneath its frozen crust, which has been there for 4.5 billion years-500 million years, longer than Earth's seas According to scientists, though Pluto is known today as a ball of frozen ice and rock orbiting the sun at a distance of 3.7 billion miles, it may have been hot when it first formed, allowing liquid water to form on its surface, and potentially provided the conditions needed to support alien life. The new study differs from the traditional view that Pluto originated as a ball of frozen ice and rock, which gradually melted enough to form a subsurface ocean, due to heat released by the decay of radioactive elements in the rock.

its interior to pictures of its surface taken by NASA's New Horizons' spacecraft. > They identified ridges and troughs more from movements inside its shell caused by water expanding, when it freezes. > The study suggests other planets and dwarf planets in the Kuiper Belt – like Haumea and

> The scientists compared thermal model simulations of the evolution of

than a mile deep on the dwarf planet, suggesting stresses Make- may have also once been warm, and capable of harbouring alien life.

NOBEL LAUREATE AMARTYA SEN WINS 2020 PEACE PRIZE OF THE GERMAN **BOOK TRADE**

CONQUERED THE WORLD!

Tes, it was the day when Indian

future. The venue was Lord's, the Mecca of

cricket, where a packed house witnessed

one of sport's biggest upsets— West Indies re set for a third straight title. Clive Llyod's

side had superstars, who, on their day,

ndies were bowled out for

winning streak

was broken.

pions! Kapil's

Cricket had its

new world cham-

Devils won it in style

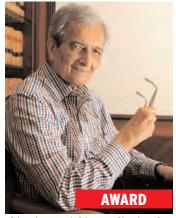
140. Their World Cup-

could just blow away the challenge of

chasing 184. But it wasn't their day. West

cricket came of age; a match that

changed the course of the game's



obel laureate 🔪 mist Amartya Sen has won the prestigious Peace Prize of the German Book Trade for his decades-long work on "questions of global justice". Börsenverein, the German Publishers and Booksellers Association, chose the 86year-old economist and philosopher as the recipient of the body's 2020 Peace Prize for his pioneering work addressing issues of global justice, social inequality in education and healthcare.

AND

THE SUN

KAZUO

KAZUO ISHIGURO TO COME OUT WITH KLARA

NEW NOVEL 'KLARA AND THE SUN' NEXT YEAR

obel Prize-winning author Kazuo Ishiguro is all set to come out with his new novel, 'Klara and the Sun', next March. The book is the story of Klara, an

"Artificial Friend" with "outstanding observational qualities", who watches browsers from her place in a shop, hopeful that one will eventually choose her.



This is the first novel by Ishiguro since he was awarded the Nobel Prize in Literature, and will be published by Faber & Faber in the UK, Alfred A Knopf in the US and Knopf in Canada on March 2, 2021.

THE STONEHENGE MYSTERY UNRAVELS: Scientists find huge ring of ancient shafts near the monument UNRAVELLED

rchaeologists have discovered a major pre-historic monument under the earth near Stonehenge that could shed new light on the origins of the mystical stone circle in southwestern England. Experts say the site consists of



at least 20 huge shafts, more than 32-feet in diameter and 16-feet-deep, forming a circle more than 2-kilometres in diameter. The new find is at Durrington Walls, the site of a Neolithic village about 2 kilometres from Stonehenge. Researchers say the shafts appear to have been dug around 4,500 years ago, and could mark the boundary of a sacred area around a circular monument, known as the Durrington Walls henge.

>Stonehenge, a huge monument built between 3,000 B C and 1,600 B C, is one of Britain's most popular tourist attractions. It's also a spiritual home for thousands of druids and mystics, who visit at the summer and winter solstices

AFTER OSCARS, GOLDEN GLOBES **DELAYED TO FEBRUARY 2021**

The Golden Globes is refusing to let the pandemic get in the way of its party. The ceremony will now be held on February 28, 2021, in Beverly Hills, with previously announced hosts- Tina Fey and Amy Poehler, the Hollywood Foreign Press Association said. The date, as with that of



other awards, had been delayed amid the coronavirus disruption. The Golden Globe Awards recognise excellence in film, both American and International, and American television

TWITTER LAUNCHES 'PROMPT' TO HELP PEOPLE COMBAT DOMESTIC VIOLENCE

witter has launched a dedicated search 'prompt' for Indian users that will direct people looking for domestic violence-related keywords towards relevant information from the ministry of women and child development and national commission for women. The search prompt will be available on iOS, Android and on mobile in English and Hindi languages.

"Every time someone (in India) searches for certain keywords associated with the issue of domestic violence, a prompt will direct them to the relevant information and sources of help available on Twitter," the company said



■ This is an expansion of Twitter's #ThereIsHelp prompt, which was specifically put in place for the public to find clear, credible information on critical issues

■ Some of these terms, include crime against women, domestic violence, dowry, dowry death, gender violence, gender-based violence, lockdown violence, marital rape and POSH (prevention of sexual harassment)

WORLD IN A 'NEW AND DANGEROUS PHASE' OF PANDEMIC: WHO

he World Health Organisation has warned of a "new and dan-gerous phase" of the coronavirus pandemic, with people tiring of lockdowns, despite the disease's accelerating spread. The warning came as it emerged that the virus was present in Italy in December, months before its first confirmed cases, about the same time when the disease was first reported in China.



■ The virus, which has now killed more than 454,000 people and infected 8.4 million people worldwide, is surging in the Americas and parts of Asia, even as Europe starts to ease restrictive measures■ Lockdowns have caused economic damage, but the WHO said the pandemic still posed a major threat

STUDENT EDITION

THURSDAY, JUNE 25, 2020



WEB EDITION

QUOTE UNQUOTE

Immigration has contributed immensely to America's economic success,



making it a global leader in tech, and also Google, the company, it is today. I am disappointed by the proclamation. We'll continue to stand with immigrants, and work to expand opportunity for all Sundar Pichai, Google CEO, on the suspension of visas, by the Trump administration

FUN GAMES FOR VIRTUAL PARTY



It doesn't get any easier than Bingo. You can use a website like, My Free Bingo Cards to play a traditional game with a virtual caller, or you can play a custom Bingo game that revolves around a movie or TV show

SCATTERGORIES

Scattergories is a fun game to play with Zoomers of all ages. To play, head to this free game generator and send each person a link to the game. The rules are simple: there is one letter and five categories (things like "school supplies." "book title," and "girl's name"). You have 60 seconds to come up with a word that fits in each category and start with the chosen letter. The more unique your answer is compared to your friends' answers, the more points you get.

NAME, PLACE, ANIMAL

This popular game works well on virtual platforms. To play, pick a letter. Each player has to list a famous person's name, a place, an animal, and a thing that begins with that letter. The first person to type them into the chatbox wins.

PSYCH

To play, participants make up fake answers to real trivia questions; one player must choose the real answer among the fakes. There's even an "And the Truth Comes Out" deck that allows you to do the same thing with personal questions about each other.

REMARKABLE MOVIES SET IN A SINGLE LOCATION

With the coronavirus pandemic halting the shooting of films that are dependent on outdoor shoots, here are some movies that were shot in a single location. These films demonstrate how filmmakers can think outside the box, an experiment that can be tried in these lockdown times...

The location: A plane's cockpit

THE PROBLEM: When terrorists hijack a Berlin-to-Paris flight, it's up to a young American co-pilot, Tobias (Joseph Gordon-Levitt), to direct the aircraft to safety, and in the process, make some distressing splitsecond decisions.

THE RESULTS: For his debut feature, director Patrick Vollrath creates a close-quarters nailbiter that keeps you exactly where he wants you: in the pilot's seat.

To experience the film from Tobias' point of view, Vollrath makes clever use of a surveillance monitor in the locked cockpit. The screen displays impersonal glimpses of passengers as the flight attendants pass through the service curtain. Hostages held in the cabin are also only visible on the screen.

(Where to watch: Stream on Amazon Prime Video)

The location: 600 km above Earth

THE PROBLEM: A medical engineer, Dr Ryan Stone (Sandra Bullock) is faced with finding a way back to Earth, after her space shuttle is damaged by debris from a destroyed satellite.

THE RESULTS: This 2013 science-fiction drama is so utterly immersive that it makes you feel like Stone. We are centered in the action, even pulled

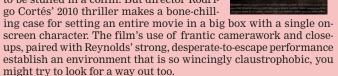
inside her astronaut's helmet; we can sense the panic of free-falling into an ocean of emptiness alone. Rather than relying on flashbacks to illustrate her back story, the screenwriters, Alfonso Cuarón (who also directed) and his son Jonás reveal Stone's grief through her achingly tragic soliloquy, delivered in space as she floats against a backdrop of

(Where to watch: Rent on YouTube, Amazon Prime Video, iTunes and other platforms)

The location: A wooden coffin THE PROBLEM: An Iraq-based American

civilian truck driver, Paul Conroy (Ryan Reynolds), is buried alive. His air supply is diminishing, and he has nothing but a few tools to help him escape.

THE RESULTS: Ninety-five minutes is a long time to be stuffed in a coffin. But director Rodrigo Cortés' 2010 thriller makes a bone-chill-



(Where to watch: Rent on YouTube, Amazon Prime Video, iTunes and other platforms)

knowledge? Take this exciting nowledge. Rest assured, it will really

FUN-ZONE



Have you tried the MCQ section of www.toistudent.com yet? Log in now for



QUIZ



FUN WITH **RIDDLES**

JUMBLED WORDS...

Find out who tops the chart every day! It could be YOU!!!!

FROM THE COUNSELOR'S DESK

How much is too much

By SMITA GHOSH, counselor, ANAND NIKETAN,

Ahmedabad

ion: What your teen needs is the $need \, for \, you \, to \, empathise, empathise$

with your heart. When you em-

pathise, they will not feel shamed or

judged and they might open to you.

Try: I can understand 'This is diffi-

cult for you; this isn't easy for you?

4. FOLLOWING YOU-I-WE

The family should have You-I-We ap-

proach to avoid any sort of conflicts:

➤ I Listen to YOU (Even if I don't

➤ I share my views (Even if you don't

> WE solve this out together

5. LEARN TO SAY SORRY

As parents, we can make mistakes,

especially with teens. Simply apolo-

gise and say 'I am sorry for messing

up. What can I do to make it better?

Believe it teens are far more forgiv-

ing when you are upfront with them.

APPROACH



1. 'LET'S TALK' - STAY

AWAY

Parents: You think 'Let's Talk' is a natural way to begin a conversation. Teens: Alarm bell goes off in their brains and shutters come down. The end of the conversation before it be-

Solution: Spend some non-demanding time with them like reading a book in their room or working in the kitchen with your child before you begin the conversation.

2. STOP PREACHING

Parents: Throughout the day we are only 'Telling' (preaching) our teens. Teens: When you tell them to do something they will usually 'Push Back'. ion: Instead of 'you need to study' ask 'how is preparation for your ex-

Instead of telling, ask them in a calm and curious way.

DOGS

KNOWLEDGE BANK

Teacup Poodles

Known for their intelligence, energy, and sweet personality, Teacup Poodles make amazing family dogs.

measure eight inches or shorter when fully grown. Their standardsized counterparts typically weigh between 45 and 70 pounds. Their small size makes it difficult for teacup dogs to effectively regulate their body temperature.



CONCEPT OF THE DAY

GET OVER IT

Meaning: To move beyond something that is bothering you.

Quiz time current affairs

Q.1) Which state government organised KHON Ramlila?

- A. UP B. Punjab C. Delhi D. Tamil Nadu
- Q.2) 'Shinyuu Maitri' is a joint military exercise between which countries?
- A. India-Nepal B. India-Japan C. India-China D. India-Korea
- Q.3) To boost digital payments in India, which player along with Master Card

has launched 'Team Cashless India'? A. Sachin Tendulkar B. Virat Kohli

C. Rohit Sharma D. M S Dhoni

crossed which of the fol-

- Q.4) Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (PM-JAY), has
- lowing milestones? A. 50 lakh mark
- B. 30 lakh mark
- C. 44 lakh mark
- D. 100 lakh mark

ANSWERS

1. A) UP 2. B) India-Japan 3. D) M S Dhoni 4. A) 50 lakh mark

dogs in the park.

∠. tigers are both

She is wearing.

🖊 • Hawaii is _

C: Nothing

B: An

C: Nothing

. blue dress with red

B: An

endangered animals.

A: A

B: An

B: An c: Nothing

c: Nothing

immaculate: (adj) free from spot or stain; spotlessly clean. Free from moral blemish or impurity: pure: undefiled. Free from fault or flaw; free from errors.

Synonymous words: flawless, impeccable, neat, spotless, clean, errorless, faultless, pure, spruce, trim, unsoiled, etc

- **Examples:** The bride was looking like a dream coming down the church aisle dressed in immaculate white.
- The farmhouse set in the midst of the immaculate garden looked splendid.
- Sarah's house was immaculate with not a single speck of dust

✓ O. to get __ bread. GRAMMAR B: An 🔲 c: Nothing A, An or (Nothing) 5. Christmas comes once year. A: A B: An B: An 🔲 c: Nothing C: Nothing A: A, An 🔲 B: An, An 👊 B: An **C:** Nothing C: Nothing The Nile is _ B: An c: Nothing

COMMON GRAMMATICAL WORD WISE

ANSWERS: 1. A, 2. C, 3. A, 4. B, 5. A, 6. B, 7. A, 8. C, 9. A, 10. B



(I) HEALTHFUL/HEALTHY

THE RULES:

"Healthful" describes something that will

create good health. "Healthy" describes someone fit, etc.

HOW NOT TO DO IT: Choosing the most healthy foods for your

family is no easy task. HOW TO DO IT PROPERLY:

- Choosing the most **healthful** foods for your family is no easy task.
- Healthy forests are built to withstand severe natural disturbances.

DPS Howrah celebrates RABINDRA JAYANTI



abindranath Tagore's 159th birth anniversary was presented with a bouquet of complied video presentations. Even these difficult times, could not mar the spirits of the students and teachers of Delhi Public School, Howrah. Public celebrations might have been muted this year due to the Covid 19 pandemic, but the zealous performances of the students and teachers uplifted the mood and atmosphere of each one of us. The students of middle and senior school put up the play "Abdul Majhi" with great enthusiasm and fervour and most importantly, performing from their homes did not make them feel a bit inhibited. To pay ode to the Bard, a beau-

tiful dance performance was put up to revive the atmosphere headed by teachers of the dance department along with the students of primary and middle school matching the footsteps to "Bipulo Tarango Re"

Art-integrated teaching incites children's natural desire for active learning through the senses, which is deliberately observed by our principal, Sunita Arora. The rich homage offered by our future generation through their recitals, dance and acts from Tagore's repertoire touched our souls and hearts.

SCHOOL IS COOL

Kolkata students show their caring side

perienced in decades, Cyclone Amphan wrecked trees, devastated wildlife, and pummelled the livelihoods of many. Collapsed roofs, broken telephone lines, flattened trees, powerless and network-less homes are merely the beginning of the grave consequences that West Bengal will have to face in the coming weeks. The flurry of rampant Covid-19 cases and the continued lockdown pose added hindrances to relief efforts.

In the face of such havoc, students have rallied together to help restore their city to its former position. Teenagers from across the city have taken to social media networking to share word of organisations and people who are collecting donations, and to offer hopeful words of encouragement as well as critical tirades about the reactions of various parties to the crisis.

spree is short lived.

A blessing in disguise?

Might be far fetched;

in golden be etched.

A tomorrow's child

But for the virus, our

lifestyle could never

If we have learnt, need

and greed is indeed dif-

Hard lessons of virus

showed, what life really

The virus contributes, in

nature's strange way;

The world is at peace,

thanks us today;

ferent;

meant.

But less is more, should

through 26 kitchens, been providing cooked meals to hundreds of thousands of workers and families throughout the period of lockdown. They are collecting donations to continue to do so in the areas most affected by Amphan. They've contacted residents of the Sundarbans and West Medinipur to understand how to optimise the effects of their relief efforts.

Amphan Relief is a smaller collaborative initiative started by several student-run organisations, that seeks to aid communities whose livelihoods have been badly damaged by the cyclone. They have set about raising funds and operating collection boxes at various locations in Kolkata, including Alipore, Park Street, the Metropolitan Area, New Garia, Gariahat, and New Town Rajarhat. They're also sharing the stories of those who

need their help - the domestic helpers, the security guards, the rickshaw-walas - in order to encourage more people to donate to their cause.

These are just two of many initiatives. Amidst the devastation and floods, students in Kolkata are attempting to helpfully contribute, in whatever fractal manner they are able. After Amphan cleared up, a double-barrelled rainbow appeared in the sky. Several teenagers suggested, on Facebook and their Instagram stories, that no other phenomenon could better encapsulate the spirit of Bengal - the "culture and the people who spurned the cyclone of revolution to fight for freedom.'

- Taneesha Datta, IB 2, Calcutta International School (former NIE Star Correspondent)

A VIRUS A small virus taught us what we couldn't fath-

Need and greed was different, and never a wholesome. Mother Earth gave us

air, water and sunlight; These are free, nothing to buy or fight. But we humans never understood;

Ran after ego and money, nothing else was The virus scare forced

us to be quarantined; Life paused, pace and rush no longer mattered. Earth is happy, animals

the tomorrow's child - Devjani Dutta Pramanik, Teacher, Andhra are relieved; **Association School** Pollution is less, winning

SUCH A SMILE

Such a smile I've never seen,

Among the eternity that has ever been. Such a smile I've never seen, Upon the grasses, among the green. Such a smile is ever free, Captivating than all of thee:

From where is heard the humming of a Nature singing at its eternal glee. Such a smile is mesmerizing,

Among all of the eternity that has ever Such is the smile of the

sun rising, Such a smile I've never seen.

- Abhrangshu Chakraborty, Class VIII, Adamas World

School

SCHOOL LIFE Teachers said do not bring phones to school But now we have schools in mobile phones,

For students it is a great pleas-To attend classes with full leisure,

Some are missing old school No play, no gossip In this lockdown phase,

Only abundant classrooms

well maintained time No mischief, no free periods No sharing juices of lime, Hope this world heals soon Students can again become free Enjoy every aspect of educa-And enrich their knowledge with

As generations say, School life is the moment of

happiness and gay. - Aratrika Guha, The BSS School