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STUDENT EDITION

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WEB EDITION

NEWS IN BRIEF

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CELEB TALK

Hope literally sustains life: Anupam Kher

Actor Anupam Kher is confident that the world will survive the deadly coronavirus pandemic, and says all one needs to get through it is hope. The actor shared eight black and white pictures from 1918—the year when the world was battling the deadly Spanish Flu, also known as the 1918 flu



pandemic. The 102-year-old pictures show men and women wearing face masks, face shields, and even gas masks, while in public places. Some are seen greeting each other, while maintaining social distancing. "Everything is the same, including the people, minus the wifi. But the world survived. So, this too shall pass. Hope literally sustains life," he added.

TECH BUZZ

Scrolling through Facebook at night to get simpler



After rolling out dark mode for its desktop website, Facebook has confirmed that it is testing dark mode for mobile. The feature has been made available to a small group of users globally.

■ The mobile version will cut down on glare, particularly, in low-light settings. This will be helpful for users staring at their screens well past midnight, scroll through the news feed as they struggle to fall asleep. Facebook did not mention a timeline for when it will roll out dark mode for all its users ■ The benefits of dark mode are two-fold. By letting users change the background colour of an app to black, it becomes easier to view and more aesthetically pleasing. Secondly, dark mode means that a large number of pixels on the screen will be off at any given point in time, thereby helping to preserve battery life

ENTERTAINMENT

Charles Randolph to make directorial debut with movie on Covid-19 pandemic

Oscar-winning scribe Charles Randolph is set to write, direct and produce a feature on the early stages of the coronavirus pandemic in China's Wuhan city. According to reports, SK Global will finance and produce the project. The film will examine "the dramatic weeks in China as the heroic medical community confronts a mysterious virus, soon to become a global pandemic." The writer, who penned Fox News drama, 'Bombshell', and won an Academy Award with Adam McKay for adapted screenplay for 'The Big Short', will be making his directorial debut with the yet-untitled Covid-19 movie. The project will be filmed in China, and other international locations with local crews.



SPORTS

English County C'ship to begin from Aug 1



The England and Wales Cricket Board (ECB) has given its approval for the professional men's county cricket season to begin from August 1. The ECB release said formats to be played during the delayed men's county season are due to be agreed by the 18 first-class counties in early July, with a new fixture schedule to be published thereafter. A commitment to play women's domestic cricket in 2020 has also been made but may differ from the planned rollout of the new women's elite domestic structure.

MICROPLASTICS are contaminating the FRUIT and VEGETABLES we eat

The presence of microplastics are no longer confined to oceans, they have been discovered in apples, carrots, pears, broccoli and lettuce, claims a new study. According to scientists, root vegetables, including radishes, turnips and parsnips could also be contaminated with the man-made waste, prompting fears over the health impact. Microplastics have previously been identified in meats including, chicken, canned fish and shellfish.

Approximately 330 million tons of plastic were produced across the globe in 2015 alone, with large amounts likely ending up in the oceans and the world's water systems

DID YOU KNOW?



HOW DO THEY CONTAMINATE FRUITS & VEGGIES

1 Scientists believe that the tiny pollutants get sucked into plants' roots with water, and then travel up the stem into the leaves and fruits

2 Apples are the most contaminated fruits with microplastics, while carrots top as the most contaminated vegetable

3 Most microplastics are emitted either directly or via degradation of plastics to the terrestrial environment and accumulate in large amounts in soils, thus representing a potential threat to terrestrial ecosystems, the researchers said

X-PLAINED BLACKLISTING



What The apex court on Monday heard the pleas of foreigners, who were 'black-listed' for attending a religious congregation at Delhi's Nizamuddin area.

Why A black-list is a compilation of the names of all the Indian and foreign citizens against whom there's a 'look out circular' (LOC). Issued by the ministry of home affairs (MHA), the list is prepared by the foreigners division of the MHA, and is shared with all the Indian diplomatic missions as also with all the immigration check-points within India. It is done to stop the exit or entry of certain individuals, which could either be in their personal capacity or because they are associated with an organisation.

How IS IT ISSUED: To place a person or

Who's Well

that's the interesting part—the blacklist is not in the public domain, so until and unless a person tries to enter or leave the country, he/she will not know if he/she is in the blacklist. Currently, there are about 30,000 people in the MHA blacklist, down from 38,000 in 2016.

GENDER STEREOTYPES

Women under-represented in school textbooks: UNESCO

Women and girls are under-represented in school textbooks or when included are depicted in traditional roles in many countries across the globe, according to the Global Education Monitoring Report by the UNESCO. The report provides an in-depth analysis of key factors for exclusion of learners in education systems worldwide, including background, identity and ability, gender, age, location, poverty, disability, ethnicity, indigeneity, language, religion, migration or displacement status, sexual orientation or gender identity expression, incarceration, beliefs and attitudes.

1 The annual report points out that not only the number of images of female characters included in the textbooks is very less in comparison to images of males, women are also represented in "less prestigious" occupations, and as introverts and passive



2 Showing men as doctors and women as nurses; portraying women in subjects pertaining to food, fashion or entertainment; featuring women in voluntary roles and men in paid jobs, are among the gender stereotypes pointed out in the report. The report also takes note of attempts by few countries to revise the textbook images to reflect more gender balance.

SCIENTISTS SPOT RARE NEPTUNE-LIKE PLANET

Scientists have discovered a planet about as large as Neptune that circles a nearby star, which is still surrounded by a disk of debris left over from its formation. Using data from NASA's Transiting Exoplanet Survey Satellite (TESS) and retired Spitzer Space Telescope, the discovery makes the system a touchstone for understanding how stars and planets form and evolve.

■ Known as AU Mic for short, the planet is a cool red dwarf star with an age estimated at 20 million to 30 million years, making it a stellar infant compared to our sun, which is at least 150 times older
■ The star is so young that it primarily shines from the heat generated, as its own gravity pulls it



SPACE

inward and compresses it. ■ Less than 10 per cent of the star's energy comes from the fusion of hydrogen into helium in its core, the process that powers stars like our sun. ■ The system is located 31.9 light years away in the southern constellation Microscopium

A SOLAR WATCH UNVEILED

NEW LAUNCH

American fashion brand Fossil has launched a new breed of eco-friendly sustainable watch called Solar Watch. The Solar Watch is globally available in a limited edition of 1,754 pieces. The watch will be priced at ₹9,995. The all-new watch will be available for purchase on Fossil.in and at select Fossil retail stores.

■ The outer ring of the watch case acts as a solar panel, capturing light and converting it to energy, using a solar cell beneath the dial. It then stores the energy in a rechargeable battery that powers the movement of the watch



■ Once fully-charged, the Solar Watch is expected to run for around four months, before a user will need to charge it again

■ In addition to opting for a more sustainable, solar-powered movement, the Solar Watch comes equipped with five pull-through straps, which are made with yarn spun from approximately 16 plastic bottles—that is 16 fewer bottles in a landfill, or an ocean or a national park, and one step closer to a greener future

A BOOK FOR EVERY MOOD

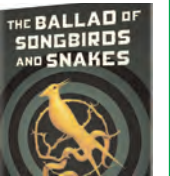
AN AWARD WINNING ONE

Art is a verb
This art book for children recently won the bronze medal in the 'Interactive Children's Book Category' at the 2020 IPPY awards. The book aims to redefine visual art education in India through a combination of art and language-based activities to engage young readers



A TRENDING ONE

The Ballad of Songbirds and Snakes by Suzanne Collins
This dystopian action-adventure novel is a prequel to 'The Hunger Games' trilogy. The novel focuses on the adventures of a teenage, Coriolanus Snow, who would become the dictatorial president of Panem by the events of the original trilogy



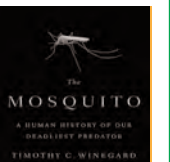
AN NYT BEST SELLER ONE

CIRCE by Madeline Miller
In this book, Zeus, the protagonist, banishes Helios' daughter to an island, where she must choose between living with gods or mortals.



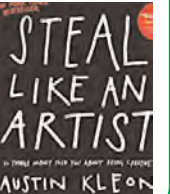
A POP-SCIENCE ONE

THE MOSQUITO: A Human History of Our Deadliest Predator by Timothy C Winegard
One of those "eye-opening books that permanently shift your worldview", said Times reviewer Sam Kean about this book. It talks about how mosquitoes have "upended" history, including their "decisive" role in winning the American independence by decimating non-immune European troops



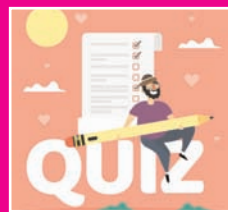
A CREATIVE ONE

Steal Like an Artist: 10 Things Nobody Told You About Being Creative by Austin Kleon
The book has tons of interesting activities to get your creative juices going



NEW
ON THE
WEB!

Have you tried the MCQ section of www.toistudent.com yet?
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QUIZ



MIND TEASERS

FUN WITH
RIDDLESJUMBLED
WORDS...Find out who tops the chart every day! It could be **YOU!!!!**

KNOWLEDGE BANK

Stadia: Stadia, a cloud gaming service operated by Google, is said to be capable of streaming video games up to 4K resolution at 60 frames per second with support for high-dynamic-range, to players via the company's numerous data centres. This is provided they are using a sufficiently high-speed Internet connection. It will be accessible through the Google Chrome web browser on desktop computers, or through smartphones, tablets, smart televisions, digital media players and Chromecast.

Word
Wise

True: In accordance with fact or reality.

Synonymous words: **Genuine, reliable, factual, accurate, precise, correct, valid, real, exact, reality, devoted, actual, bonafide, sincere, loyal**
Examples:

- The film is based on a **true** story.
- These pearls are **genuine**.
- Subir Sen is a **reliable** man.
- There was **factual** incorrectness in his statement.
- His work was done in an **accurate** way.
- She is prim and **precise** in her manner.
- **Correct** a child when she/he is disobedient.

CHECK YOUR APTITUDE

Q.1) What is the number of square units that covers a shape or figure.

- A. Perimeter
B. Volume
C. Area
D. Circumference

Q.2) What is a constant that multiplies a variable?

- A. Factor
B. Coefficient
C. Multiple
D. Numerical

Q.3) What is the sum of the lengths of the sides of a polygon?

- A. Area B. Volume C. Circumference D. Perimeter
Q.4) This is a mathematical statement that says

that two expressions have the same value; any number sentence with an equal sign. **Name it.**
A. Inequation
B. Equation C. Addition
D. Riders

ANSWER:

1. Area 2. Coefficient 3. Perimeter 4. Equation

Quiz time

MIXED BAG

Q.1) The Reserve Bank of India has its headquarters in?

- A. New Delhi
B. Mumbai
C. Chennai
D. Kolkata

Q.2) The Vikram Sarabhai Space Centre is located in?

- A. Hyderabad B. Pune
C. Thiruvananthapuram
D. Bengaluru

Q.3) Bagh, a village in Gwalior is famous for:

- A. Cave Paintings
B. Architecture
C. Sculptures
D. None of the Above

Q.4) Brihadeshwara Temple is dedicated to:

- A. The Sun
B. Gautam Buddha
C. Shiva
D. Vishnu



ANSWERS

1. B) Mumbai, 2. C) Thiruvananthapuram, 3. A) Cave Paintings, 4. C) Shiva 5. B) Chennai 6. A) Pune

Mind
teasersMATHS
QUIZ

Q.1) A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?

- A. 16 days B. 15 days C. 18 days D. 36 days

Q.2) A is thrice as good as a workman as B and therefore is able to finish a job in 60 days less than B. Working together, they can do it in:

- A. 22.5 days B. 25.5 days C. 22 days D. 12.5 days

Q.3) A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C,

they completed the work in 3 days. How much is to be paid to C?

- A. Rs. 100 B. Rs. 200 C. Rs. 400 D. Rs. 600

Q.4) If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be:

- A. 10 days B. 14 days C. 2 days D. 4 days

Q.5) A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it?
A. 12 hours B. 9 hours C. 5 hours D. 15 hours

ANSWERS

(1) B) 15 days (2) A) 22.5 days (3) C) Rs. 400 (4) D) 4 days (5) A) 12 hours

ACTIVITY

FUN-ZONE



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



Q1: The symbol Sb stands for stibnum or stibnite. What is the modern name of this element?

- A: Arsenic
B: Tin
C: Seaborgium
D: Antimony

modern periodic table?

- A: Dmitri Mendeleev
B: Antoine Lavoisier
C: Gregor Mendel
D: Alfred Nobel

- A: Brain
B: Skin
C: Bones
D: Blood

Q7: What do you call an atom that has more protons than electrons?

- A: Molecule
B: Isotope
C: Anion
D: Cation

Q8: A drop of food colouring spreading out in a cup of water is an example of which transport process?

- A: Diffusion
B: Osmosis
C: Vapour pressure
D: Effusion

Q9: If you fill a glass to the brim with ice water and the ice melts, what will happen?

- A: The glass will over flow as the ice turns to water.
B: The level of water in the glass will remain unchanged as the ice melts.
C: The water level will drop slightly as the ice melts.
D: Mercury

CHEMISTRY

Q2: Water-based liquids can be described as acidic, neutral, or basic, with respect to pH. Which of these describes milk?

- A: Slightly acidic
B: Neutral pH
C: Milk doesn't have pH
D: Slightly basic

Q3: What is the most abundant protein in the human body?

- A: Tubulin
B: Albumin
C: Collagen
D: Keratin

Q4: Who is credited with the invention of the

Q5: Organic chemistry is the study of compounds that make up living organisms. All organic molecules contain:

- A: Carbon only
B: Carbon and Nitrogen
C: Carbon and Hydrogen
D: Carbon, Nitrogen and Oxygen

Q6: You can't live without iron. Where in the body is most of the iron located?

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

COMMON GRAMMATICAL
MISTAKES

1. BARE/BEAR

THE RULES:

- "Bare" means without covering or clothing.
- "Bear" is to carry something. It is also an animal.

HOW NOT TO DO IT:

- In our textbooks, there are photos of physicians a century ago performing autopsies with their **bear** hands.

HOW TO DO IT PROPERLY:

- In our textbooks, there are photos of physicians a century ago performing autopsies with their **bare** hands.

UNLOCKING TELANGANA'S
RICH HISTORY & CULTURE

**Diana Cyrus, coordinator,
Pallavi Model School**

Alwal, Hyderabad

Pallavi Model School, Alwal, celebrated Telangana Formation Day with pomp and glory in digital form. The lockdown could not stop the high-spirited students from enthraling everyone with an insightful programme.

The programme commenced with a brief introduction on the history of protests by people of Telangana to achieve a separate state.

Students talked about the efforts put in by chief minister K Chandrabab Naidu who spearheaded years of protests calling for the bifurcation of the then united Andhra Pradesh state and create a separate state of Telangana.

This newly formed state has now become number one in technological advances and agricultural produce.

The choir recorded and played songs from Telangana followed by a student's enthralling dance performance video on the beats of Telangana songs befitting the occasion.

The Telugu and Music departments worked in tandem digitally with groups of students in preparing a wonderful speech on 'Beauty of Telangana,' bringing out the importance of Telugu culture, language, people, politicians and the bounty of Telangana's nature.

SCHOOL IS COOL

"Poetry and beauty are always making peace. When you read something beautiful you find coexistence; it breaks walls down." -Mahmoud Darwish

Engrossing e-poetry session

**Anunidhi Sharma, NIE
Coordinator, Jain Heritage A
Cambridge School
Hyderabad**

A solo poem recitation competition was conducted for the students of classes V and VI as part of their CCA activity. Participating in a poem recitation competition can be a good way to help build a child's confidence.

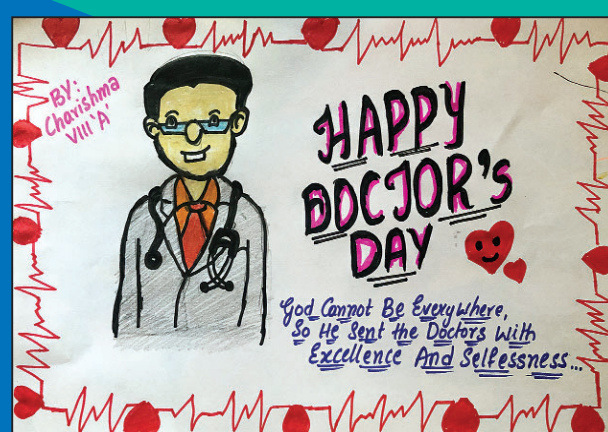
The participants were exhilarated to perform live in front of the judges. The practice of reciting not only helps in improving physical health but also mental health through the process of deep breathing and emotional release. It also helps in developing the personality of children.



Children participated with enthusiasm and every bit of the competition was enjoyable with their wonderful presentation. Every lip

hummed a tune of its own accord.

The programme was followed by a short message of responsibility, confidence and discipline exhibited by the students during the activity by Secondary coordinator and Primary coordinator.



Charishma Sivaranjani, class VIII,
Gitanjali Devakul, Hyderabad

R Vaishnavi, class VII C,
Army Public School, Bolarum, Secunderabad

Artists' Gallery



Sonam Thorat, class X,
Shantiniketan High School,
Doodh Bowli, Hyderabad



Aarohi Sane, class VII A,
Delhi School of Excellence, Attapur,
Hyderabad

LIVING WITH CORONA

No corona on those days, We can't play in these days, We can't go to cinema hall, But we can go and watch TV, We can't eat cakes and ice creams, But we can bake and make ice creams, We use to play with our friends, Now we are attending online classes, Corona kept lockdown for us, But not for our home.

Tanishka, class IV, Daksha School, Hyderabad

CORONA

COVID-19, The virus of CORONA Originating from Wuhan in China, Has created a unusual scare, Crossing borders, on the Earth's sphere. From America to Zambia, Everyone whether rich or poor; Of any nationality and religiosity, Is hit by the fear on their persona. Till now in months, Many thousand lives are lost; Unfortunately, one more shadow in cast. LIFE, Virtually, has come to a standstill, Including India, to a downhill. Don't panic; Fight the Pandemic! Need to wash hands frequently, Remain in isolation, away from public, Inside one's home preferably. Follow 'JANTA CURFEW' help save all Honour deep rooted Indian sanskaar: Greet people with a Namaskaar! Pursue unity and fight the fear Stay HUMANE and have a vision clear..

Parth Varshney, class VI A, Vista School, Hyderabad

THE ESSENCE OF SUCCESS

Rose as success, Tulip as books But when success is disturbed even books are disturbed Drops as principal, Pencils, pens and papers as teachers When you respect your principals and teachers you will succeed in your life

V Riya Jain, Geetanjali High School, West Marredpally, Hyderabad