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STUDENT EDITION

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WEB EDITION

X-PLAINED

Enforcing the BAN on CHINESE APPS

WHAT: The Centre has banned 59 Chinese apps, including TikTok, CamScanner and others, in retaliation to the border skirmish in Ladakh, which took place in June.
WHY: The government invoked its power under section 69A of the IT Act and rules to block access to any information sourced through any computer resource.

THE RULES

➤ Apps on gaming, education and infotainment don't need any local government body's permission for its launch. However, they are required to meet the guidelines of the play stores to place their apps. Some apps, like e-commerce or payment apps, need permission from the RBI, National Payments Corporation of India, and other authorities to start operations ➤ The present ban ordered by the govt will not only be applicable on the new downloads, but also on the already downloaded apps. Those who have already downloaded these apps will not be able to use them

HOW THE GOVT CAN ENFORCE THE BAN: The government needs the help of Internet Service Providers (ISPs) to block data transmission, and app stores, to prevent fresh downloads and updates, to enforce the ban.

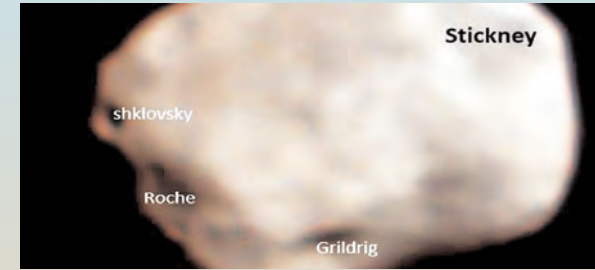


THE CHALLENGES

- While apps, like TikTok and UC News, which require a live feed, will become non-functional, apps that can be used offline may continue to be used, unless requiring an update.
- If an app is removed from the Google Play Store or an Apple App Store, these can't be downloaded. However, app stores can't do anything about the app already downloaded. Users can see old videos, even create new ones and share them, but won't get further upgrades and notifications on the app
- Also, it would require Google and Apple to remove these apps from their play stores, which could expose users to the unofficial versions of these apps

THE IMPACT: TikTok, the video sharing platform, which had over 100 million users in India, is the biggest loser. It brought content production to the grassroots of the subcontinent, and was the source of income for many social media 'influencers'

7 yrs after launch, Mars orbiter still active, captures image of Red planet's biggest moon



In another spatial breakthrough, the Mars colour camera on board the Mars Orbiter Mission (MOM) of the Indian Space Research Organisation (ISRO) has captured the image of Phobos, the closest and biggest moon of the Red planet. The space agency released the image that was taken on July 1, when the orbiter was about 7,200 km from Mars, and 4,200 km from Phobos. The photo generated is a composite image generated from six camera frames, and has been colour-corrected. Surprisingly, MOM is still active years after its launch on November 5, 2013.

Phobos is largely believed to be made up of carbonaceous chondrites

ISRO had successfully placed the ₹450-crore MOM in the Red planet's orbit on September 24, 2014, making India, the first Asian country to reach the Martian orbit, and the first nation in the world to do so on its maiden attempt

JEE (MAIN & ADVANCED), NEET EXAMS POSTPONED

The Joint Entrance Examination (main and advanced) and the National Eligibility-cum-Entrance Test (undergraduate) have been postponed to September 2020. A decision to this effect was taken on Friday



The computer-based multi-session, JEE (main) examinations will be held from September 1 to September 6, while the JEE (advanced) will be held on September 27, 2020. The pen-paper mode entrance for medical colleges, NEET-UG will be conducted on September 13, 2020

Around 9 lakh aspirants have registered for the JEE (main) exam, while 16 lakhs have registered for the NEET-UG exams. Raising concern over the worsening of the pandemic, candidates across the country has been demanding the postponement of the exams

The delay in the entrance exams will have a cascading effect on the new academic session. The new academic session for the first year students, as per present planning, is expected to commence from November

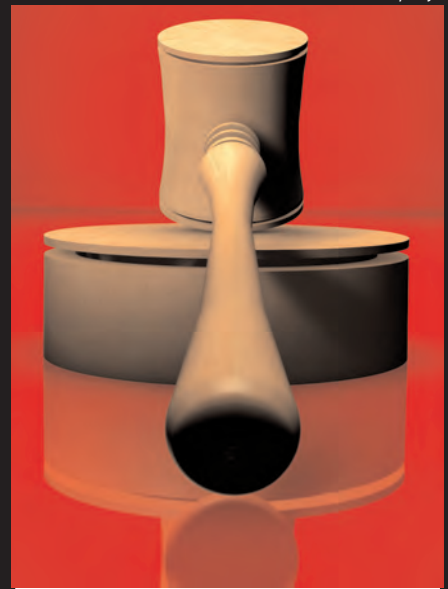
The IITs take around a month to complete its joint counselling process. It will take around a week to announce the results from the date of the exam, which is September 27. Therefore, the IITs are likely to start their 2020-21 session from the first week of December

ON SALE

Scientific breakthroughs of past century head to auction

The Nobel Prize Medal awarded to British Scientist Sir Robert Edwards in 2010 for the development of human in vitro fertilisation (IVF) therapy, estimated to sell for ₹500,000-800,000, is part of an online auction, highlighting the scientific and technological breakthroughs that have formed the modern world. Titled, 'Eureka!', the online auction by Christie's is open for bidding till July 16.

Photo: Getty Images



➤ From Thomas Edison's pioneering design for the lightbulb to Crick, and Watson's celebrated discovery of the structure of DNA, from a Second World War Enigma Machine to the invention of in vitro fertilisation, from Albert Einstein to Stephen Hawking, it offers slices of history as collectibles.

➤ Items from the late physicist, Stephen Hawking's estate are also on sale, including a rare Hawking portrait by Anton Corbijn, and a Simpsons figurine of him made by Playmates Toys. These rare items provide a remarkable insight into the cultural interests, personality and sense of fun of this extraordinary man, the auction house said.

➤ The sale also offers seven autographed and annotated design drawings by American inventor Thomas Edison for his lightbulb and related innovations. Each sketch testifies to Edison's continued work on the electric lamp throughout the 1880s, as well as offering an example of the related inventions that filled his design notebooks.

➤ 'Eureka!' will also feature a rare surviving Enigma Machine, a four-rotor used by the German Navy's U-boat fleet to send encrypted messages during the second World War.

NOW, SAVE CONTACTS ON WHATSAPP USING QR CODES

WhatsApp, the Facebook-owned messaging service, has announced new features that are expected to roll out over the next few weeks.

TECH BUZZ

- To make the lives of its users simpler, WhatsApp has announced new contact-saving QR Codes. This new update ensures that people can add their contacts to their phones with the use of QR codes
- The smartphone users can make their messaging even more effective with new Animated Stickers
- Stickers are one of the most-common way of communicating on WhatsApp, with billions of stickers sent every day
- With video-calling becoming the most pertinent way of communicating, WhatsApp has made improvements to group video calling feature. It has added a special feature that will allow the user to focus on whoever s/he wants just by letting him/her press and hold to maximise a participant's video to full screen
- The messaging platform also plans to roll out the Status feature that disappear after 24 hours, to KaiOS users



NEWS IN BRIEF

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SHILPA SHETTY CO-AUTHORS DIGITAL BOOK ON EMOTIONAL WELLNESS

Actress Shilpa Shetty Kundra has co-authored a digital book titled, "The Magic Immunity Pill: Lifestyle" with Luke Coutinho, a holistic lifestyle coach associated with integrative medicine. The book focusses on emotional wellness, quality sleep, balanced nutrition and adequate exercise to build a strong immune system.

BOOK



It's been such a rich and learning experience working on this book with Luke Coutinho. Today, when we are hit by this global health calamity, we are trying our best to stay healthy. For that, I believe it's prerequisite to have a really strong immune system. While all want it, many don't know or are apathetic towards achieving it. Hence this book is timely

SHILPA SHETTY, actress

KOALAS MAY BE EXTINCT IN AUSTRALIA'S NEW SOUTH WALES BY 2050

Koalas in the Australian state of New South Wales (NSW) could become extinct by 2050 unless the government immediately intervenes to protect them and their habitat, a parliamentary inquiry determined after a year-long inquiry.

ENVIRONMENT



- Land clearing for agriculture, urban development, mining and forestry had been the biggest factor in the fragmentation and loss of habitat for the animals in NSW, the country's most populous state, over several decades
- A prolonged, drought-fuelled bushfire season that ended early this year was also devastating for the animals, destroying their habitat across the state

FACTOID 53.6MN TONS

E-WASTE was dumped across the world last year, says The Global E-waste Monitor 2020 report. Just 17.4% was recycled. China, with 10.1 million tons, was the biggest contributor to e-waste and the United States was second, with 6.9 million tons. India, with 3.2 million tons, was third. Together, these three countries accounted for nearly 38% of the world's e-waste last year. Global warming is just one of the issues cited by the report as it noted that 98 million tons of carbon dioxide equivalents were released into the atmosphere, as a result of inadequate recycling of "undocumented" refrigerators and air conditioners.

This year's coronavirus lockdowns have exacerbated the e-waste problem. People stuck at home are de-cluttering, and because of the lockdowns, there are few workers collecting and recycling the junk, the report added.

Vidya Balan-starrer, 'Shakuntala Devi' gets a release date

Shakuntala Devi, the math genius, which will be helmed by actress Vidya Balan, will premiere digitally on July 31. Ditching the traditional theatrical release, the film will premiere directly on the streaming platform, Amazon Prime. The streamer announced the release date of the film on Thursday through a fun video featuring Vidya. Taking a note from the storyline, Vidya reveals the release date first in a complex mathematical way, and then simplifies it to share the date.

ENTERTAINMENT

Written by Anu Menon, the film is based on the life of Shakuntala Devi, who is revered as the human computer, for her innate ability to make incredibly complex calculations within seconds



Eau de Space: This October, smell space on Earth

Sounds unreal? Well, not really. We can actually know how outer space smells like! Come October, Eau de Space, an outer space-scented

SPACE

fragrance, will be available commercially. Created by Steve Pearce, a chemist and the founder of Omega Ingredients, it is one-of-the-kind fragrance.



The scent of space is "independently verified by actual astronauts, down to earth". According to the makers, the smell of the space is like that of "seared steak, raspberries and rum"

HAPPY BIRTHDAY



Dr (Ms) Ritu P Solomon, Principal, Queen Mary's, Tis Hazari

Utilising the time at home

Adarsh world school, Dwarka participated in the inter-school competition Enthusia, organised by Abhinav Global school, sector 13, Dwarka. Around 100 schools participated in the event, out of which young Adarshians also secured their positions in few of the events. Rashi Jha bagged third position in paper tearing and pasting competition. Yana Sharma bagged the second position in the speech is corona an opportunity? Also Ojasvi Choudhary bagged fifth position in the presentation - The world in 3 slides.

"Yoga is light, which once lit will never dim."

Students of Heera Public School celebrated International Yoga Day in energetic and enthusiastic way. Due to COVID-19, students celebrated this day to curb the anxiety and stress and sent pictures of different 'Asnas'. Yoga is done to facilitate the mind and body a new texture to fight the stress of day-to-day life. Yoga is to shine the light of sparkling awareness into the darkest corners of the mind and body. It makes our body more energetic and removes the stress and dullness. It offers peace and mindfulness to its doers and helps them to get through daily tiredness due to hectic schedule. Today's generation believes that 'Yoga' is a mirror to look at ourselves from within. It is not a workout, it is a work-in which makes our heart to beat spiritually and focus on awareness and realize that what we are. We cannot ignore the importance of meditation through 'Yoga' which leads us to wisdom and makes us eligible face the difficulties and other hazardous challenges of life. Students used their precious time in lockdown and performed 'Yoga' under the shadow of COVID-19. It is the best way to concentrate towards their studies. Student's efforts were appreciated by Chairman, Dr. Pawan Kumar Vats, Vice-Principal, Talat Parveen and HM Komal.



CAREER OPTIONS AFTER MATRICULATION

What after class X? Really it is an objective question that knocks the doors of mind of the students waiting for class 10 result. Students first time in their life have to undergo the litmus test of this question. This decision sets the stage for their life. The parents play an important role in deciding the field of study, after class X. Sometimes the parents are not aware about the all possible career options, potential and interest of the child. Parents expect to fulfil their unfulfilled aspirations through their children. Children are not the means to complete the unfulfilled aspirations of their parents. In selecting the field of study the interest, aptitude, weak and strong areas of the child should be kept in mind. Avoid mob mentality and unnecessary cut throat competition. They should be motivated to do something and not to become something. They have a choice between academic and professional courses.



विनोद कुमार यादव
प्रधान

ACADEMIC COURSES :

SCIENCE STREAM : The students who wish to make their career in the field of engineering, architecture, research, scientist, teaching of science and medical should opt for this stream.
COMMERCE STREAM : Students who wish to join CA, CS, ICWA, Actuarial, MBA, Statistics for Finance should opt for Commerce stream.
ARTS STREAM : Arts stream students have a large variety of career options like Civil Services, Other Administrative Services, Ministerial Staff, Judiciary and other Competitive Examinations, starting from Group 'D' to Group 'A'. Generally a student is required to study only five subjects to qualify class 12, but he can opt as many as additional subjects as he feels like to study. In CBSE a student is required to study English Language as compulsory subject, one any other Indian lan-

guage and 3 optional subjects to make him to qualify 10 + 2.

PROFESSIONAL COURSES :

A STUDENTS CAN PREFER COURSES LIKE : ITI, Para-medical courses, Journalism, Service sector, Retail sector, Tourism, Hotel Industry, Event management, film industry, Music, Sports, Arts etc.
A student has to maintain Merit and quality to sustain in this world of cut throat competition. Since, the market depends on the principle of demand and supply and the survival of the fittest, hence only multi-talented multi-faceted multi-skilled versatile persons can only survive. So, we must choose subjects after Matriculation very diligently.

Dr Vinod Kumar Yadav, Principal, KV BSF Camp Chhawla

CYBER SECURITY FOR CHILDREN IN THE VIRTUAL WORLD

With 2000+ attendees including principals and teachers from countries like Dubai, Oman, Muscat, Nigeria, Bangladesh and Nepal tuning on Live, a webinar was organised by Swapna Nair, Principal, Arwachin International School, Dilshad Garden and President, ABYUDAYA SAHODAYA in collaboration with Shahdara District Legal Services Authority (DLSA), Delhi to discuss 'Cyber Security for Children in the Virtual World' during this tough time of COVID 19 pandemic. The Resource persons were Kanwaljeet Arora, Member Secretary, Delhi State Legal Services Authority, Neeraj Arora, Cyber-crime expert, AOR Supreme and the moderator was Veena Mishra, Principal, National Victor Public School, Delhi.

Neeraj Arora, answered the questions of the participants regarding financial frauds and scams, OTP scams, email phishing, blackmail and pornography on dating apps and investment frauds. He guided on issues like child pornography, use of social networking sites and platforms by underage children, and kids falling prey to digital addiction and games without digital well controlling. The experts discussed the various possibilities of account hacking and also emphasized the importance of being aware of their surroundings. The Resource persons highlighted the need for parents to keep in touch with their children about the details of their accounts on Facebook, Whatsapp etc. and discussed the legal aid available to children and women in particular. Swapna Nair recommended, "It is important to apply preventative mechanisms to reduce the risk of harm to children and young people in the physical and online environments that they engage with." She also said, "We hope that once the lockdown is over, we will be armed with necessary remedial measures to help India's children get back on the road to a truly happy, healthy, creative and safe childhood."

Conversations that matter

The panel discussed every aspect of the society covering all genera's of the society and also on the actions that need to be taken during this time when we are locked down in our homes fighting for our own protection. Jyoti Bhalla, Manaskriti School, Greater Faridabad spoke her heart out when she referred to the Virtual classroom scenario and how



children are spending so much time sharing screens as they are most of the time online and also about the efforts put in by the teachers to make virtual study a success. Another important point was the shift of student's strong bonding from teachers to parents as they are spending more time with their parents and trying to understand each other.

Yogic way of life

Every year Manav Stathi School undertake various activities in the school to celebrate International Yoga Day. This year however as we all know the world is under the threat of COVID - 19 pandemic. This has made us all stay at our homes to ensure safety of our near and dear ones. Therefore, Manav Stathi School celebrated - Rich Indian Tradition of Yoga on 21st June 2020, E- Yogastic -Let's Heal Our Mind, Body & Soul. Under the sagacious guidance of Mrs. Mamta V Bhatnagar, Director & Founder Principal, Manav Stathi School, Mrs Dipti A Bhatnagar, Principal initiated E-Yoga Day virtually with the staff and students. The event was based on the theme "YOGA FROM HOME" due to the restrictions for the Covid -19 pandemic. Mrs Mamta Bhatnagar motivated students virtually on this day. The Guest of Honour on this occasion was Mrs Sheetal Verma - a trained & a certified Yoga Instructor.



Under Dipti Anurag Bhatnagar's guidance, as a part of British Council which "Yoga and Meditation" is one. Under this project, each year the teachers and students come aboard and begin their eventful journey to explore various countries across the globe. The programme started virtually with the Introductory Speech followed by performances by students which included Multi Media presentation, Ganesh Vandana, Hindi poem, song on Yoga. Students sharing their views on health benefits of practising yoga specially during these tough times. Live yoga session, video clippings/messages by Yoga Instructors /Gurus, Video clippings of Parents /students expressing their gratitude to Director mam and the way school has helped them to cope up with the stress of lockdown. Mamta V Bhatnagar enlightened the students with her words of wisdom that Yoga benefits people of all ages and is suitable for people at all walks of life. She stressed that during these testing

VIRTUAL CLASSROOMS- A HIT IN SDPS DURING COVID-19 PANDEMIC

Going in sync with the challenges posed by the Covid-19 Pandemic, South Delhi Public School, Defence Colony, New Delhi, adopted and adapted to the online teaching mode quite successfully. Under the esteemed guidance of the principal Jyotsna Jain, the teaching fraternity was first geared up to record their video lectures on the school's You Tube Channel. This endeavour of the management was extensively appreciated in favour of academic excellence. Subsequently, the school graduated to live classes

within no time they started showing their expertise at it. The school chairperson, Ms Dipikka D Rawat, lauded the efforts of the teaching faculty and extended her unstinted support in this direction. The school director, Ms Urmila Rawat, acknowledged the parents for their unprecedented cooperation in this direction. She also applauded the creative spirit of the school's primary wing as on the last day of their online class before the summer break, the students recited poems, delivered speeches, sang songs and even danced enthusiastically on the virtual platform. This type of celebration was, indeed, one of its kind. The teachers were first trained to grasp the nuances of taking live classes and



Fun activities @ Primary

LOCKDOWN DIARIES

Goodley Public School, Shalimar Bagh emerged out to be real achievers as they achieved all the planned goals. Under the guidance of the management, the staff, students and their parents pitched into this new normal whole-heartedly that has resulted due to the spread of COVID-19. The school has successfully shifted to online education during the quarantine. The school organized orientation sessions for their teachers on how to adapt to this new concept of virtual classes. In order to ensure efficient learning videos, PPTs and content are being shared with the students. The students also learnt the skills of critical thinking and adaptability through yoga, music, dance and sports classes. The teachers also attended numerous inter-



Exploring world

esting webinars and enhanced their knowledge. The Goodlians also observed Dr. G. D. Singh Memorial Day in order to pay tribute to the founder and ex MD of the school, through a video entitled "To Sir with Love" a self-composed musical and cultural tribute by the budding artists of Goodley. Creativity knows no boundaries and so the Goodlians. In the D.L.DAV Inter School Competition, Mehar Vasuja (V) won 'Design a Poster', Rishabh Singh (VIII) won the first position in 'Drift into music'; Uday Verma (X) was the II Runner Up in 'Scratch - n - Win'; Lakshay Gulati (VIII) emerged won 'Memes of Lockdown-pur'. The students also participated in various activities related to Mother Day, Earth Day, Ganga Quiz and Mind Wars. In the backdrop of such challenging situations, virtual interviews are being conducted for the new entries in our school. Perhaps, the world may never go back to what it was pre-pandemic. But we can count on it to adapt to the future.

Second phase of online teaching

It is July and we start with the second phase of online teaching. With infections surging in the national capital, classes have to continue to be conducted virtually. Our first phase that started in March was quite successful with all my teachers and students adapting well enough with the 'new normal'. This, definitely, is an anxious time for everyone and it is not easy to be a Principal in the Age of Coronavirus. I play a pivotal role in ensuring that student learning continues in some form and that students need social-emotional support from me and my staff which they would have had access to if they'd been in school. Since it's unclear when students will return to school, it is imperative at this moment to be calm. I have been working on making sure that teachers develop high-quality lessons, answer questions about



ANJALI AGGARWAL, St Marks School, Meera Bagh

content and teaching, and help trouble-shoot when teachers have issues using the digital platform which is pretty new to them. I also make sure that I am available to my staff and other stake holders for their anxiety levels going down and they are able to plan better. I keep telling everyone that we're all going to learn and we're all going to learn and come out triumphant at the end. For me, being a Principal right now means inspiring hope. My role in my school is to make sure that everyone feels cared and looked after. I have a very simple message to everyone-School is the most critical cornerstone of a stable society, and I need to make sure that my school is an effective incubator of learning, a place where students are not only educated but challenged, nurtured and encouraged.

STUDENT CORNER

HAZEL, Class 4- St. Angel's Global School, Gurgaon

DAKSHITA, VI, DAV Public School, Pusanpanjali Enclave Pitampura

UTKARSH KHERWAL, XI, Happy school, Daryaganj

STAY HAPPY, STAY SAFE

We always notice the bad effects never the good ones. Right now because of Corona, we are blaming China for what it has done. I know it has a lot of negative effects. But if we accept it happily taking full precautions, We will get rid of all its scary nets. Our mothers tried to convince us so much not to eat excess of junk food. But we did not listen to her because for us first is our 'mood'. Because of this lockdown we are learning what our mothers said, And have changed our routine too- early to rise and early to bed. This quarantine effect has brought us closer, By happily accepting this lockdown we have made this bad time a loser: East or West our home is the best, Take some rest, Don't call any guest, Enjoy your home fest. This is our life saving test, So be in your nest, This is the entire world's request.

SHIVI GUGLANI, VII, Bal Bharati Public School, PITAMPURA

SAY NO TO PLASTIC

The effects of plastic on the environment are quite devastating, the biggest problems the environment faces is that once the plastic has been soiled, it ends up in trash which later ends up in landfills or is burnt. Burning emits toxic gases that harm the atmosphere and increases air pollution, while landfills hold them indefinitely as a part of the plastic waste problem throughout the globe. So to create awareness, the students of class 8 of GD Goenka Public School, Dwarka made beautiful and creative posters on the topic "Say No To Plastic".

SAVE THE WORLD

Save the world from plastic. Plastic is bad for the environment. It pollutes the earth and harms the animals. We should use paper bags and reusable bottles. Let's say no to plastic.