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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.

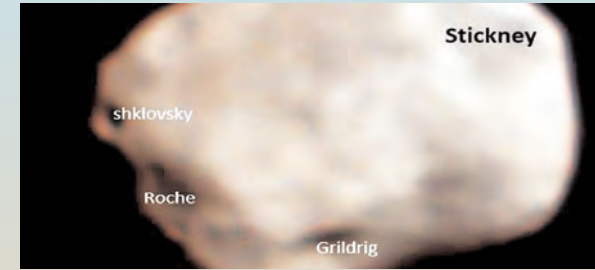


THE CHALLENGES

- 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

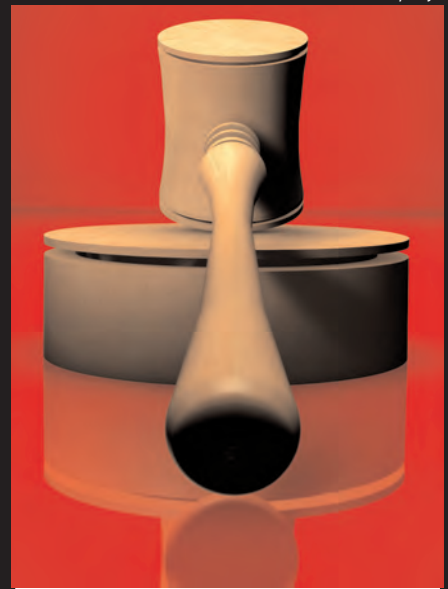
The IITs take around a month to complete its joint counselling process. It will take around a week to announce the results from the date of the exam, which is September 27. Therefore, the IITs are likely to start their 2020-21 session from the first week of December

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"

It's not just a place where you get to learn Einstein's Theory of Relativity. It's also a place where you can think beyond the classroom. Hence we say, **SCHOOL IS COOL!**

CELEBRATING THE JOY OF READING

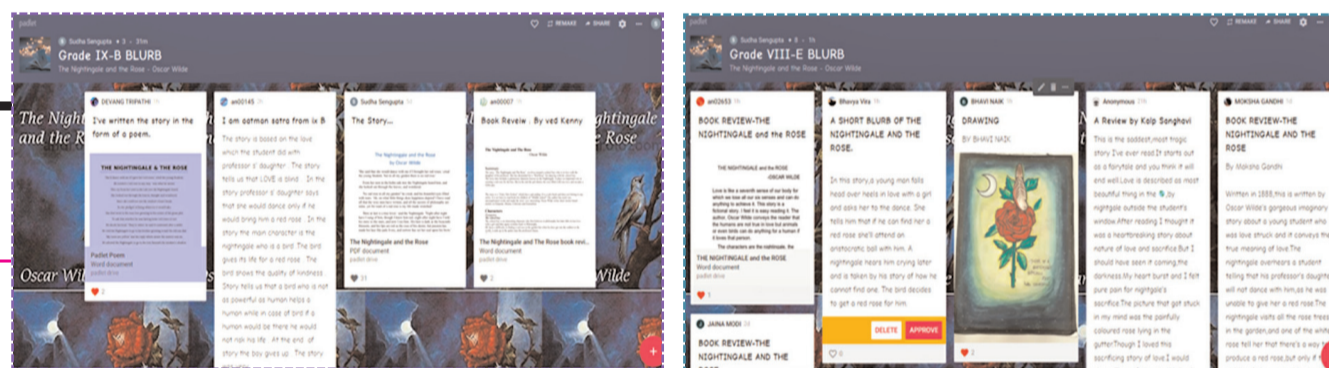
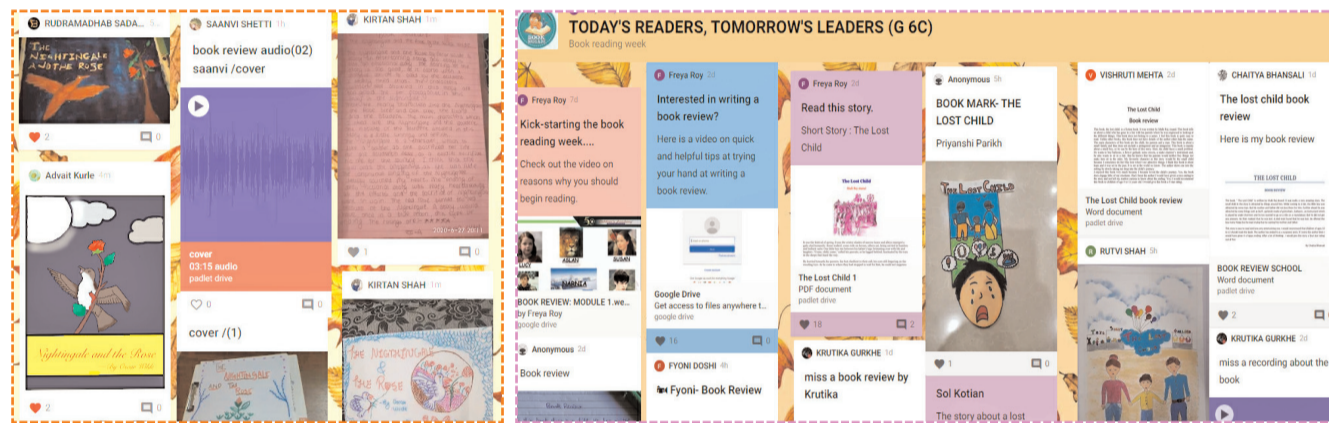
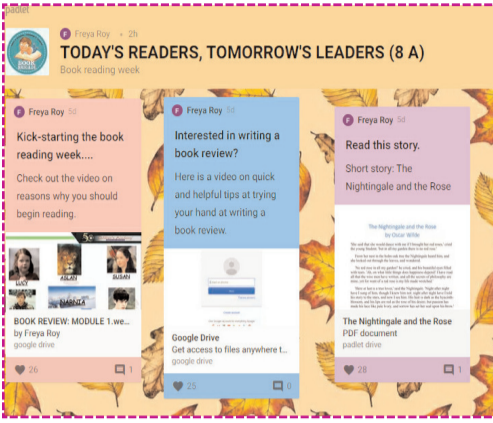
The great masterpieces of Shakespeare, O Henry, C.S. Lewis and the like are at present lying in the dark shelves of our school libraries, probably yearning for little hands to once again pick them up and joyfully immerse in their engrossing stories. Thanks to modern technology, students can now access books virtually.

Children's Academy (Ashok Nagar) kick started the 'Book Reading Month' starting June 19th in memory of P.N. Panicker, father of the Library Movement in Kerala, by introducing its students to a new collaborative platform- Padlet. This platform is increasingly gaining popularity among schools especially during the current pandemic situation.

Teachers at Children's Academy created unique padlets on which short stories of renowned authors like Oscar Wilde, Mulk Raj Anand and Nathaniel Hawthorne were shared.

Video tutorials on how to write a book review as well as the multiple benefits of reading were also posted on the padlets in order to motivate children to get into the habit of reading. Through this platform children could view the thoughts and opinions of their classmates and respond to the same through likes and comments.

Through this initiative Children's Academy hopes to create young enthusiastic readers who will emerge as confident leaders in future.



Changing Roles of Parenthood

AKHILA DINESH,
PRINCIPAL, RADCLIFFE
SCHOOL, KHARGHAR



The period of lockdown due to Covid-19 has jolted each one of us and made every educator around the world relook at the process of learning. During these unprecedented times, all the stakeholders of the education system need to put in a lot of resilience, compassion and hope to collectively combat the current crisis.

The pandemic has given rise to a significant change in parenting that has undergone a paradigm shift; I would call it Parenting 3.0.

Firstly, a proper timetable can be provided wherein every activity of the child is chalked out with precision. The second approach would emphasize on a child driven routine. The child is independent and will carry on with his or her routine and daily chores just like every other day. Therefore, there will be no pre-designed framework. This balanced plan can be carried out methodically by each parent after a thorough discussion with their kids regarding their curriculum and schedule.

Hence, it is essential for parents to have a fruitful interaction with their children during this period of confinement.

WHO has laid down a few tips for healthy parenting during Covid-19 -

1. One-on-one time to the kids - Listen to them look at them give them your full attention in short set aside time to spend with your child
2. Keeping it positive - Motivate, encourage and praise your child when they are behaving well. Highlight and concentrate more on the brighter side of everything.
3. Structure Up - Create a flexible but consistent daily routine. Remember it is essential to be a role model because children are keen observers and you cannot preach what

PRINCIPAL'S PEN



a bad behaviour early and redirect your kids attention from bad behaviour to good one.

It is necessary to be vigilant about digital safety ensuring that children are not using the online class platform to play games or chat with their friends.

Collectively we can overcome the challenges that this pandemic has thrown at us.

Learn from Nature

Today it's a new world altogether for kids around the world. Tiny tots of kindergarten at Abhinav Vidyalay and Junior College, Dombivli took their first tiny steps with their parents and educators in understanding the environment as they celebrated World Environment Day (5th June) amidst this and period of lockdown after pandemic, from the safe confines of their homes on Google Classroom.

Hope that more such endeavours like will go a long way in making these tiny tots better citizens of this ever changing and challenging world.



Mount Mary High School, Malad

Schools being shut during the period of lockdown have boosted the spirit of team Mount Mary High School, as they did not want to miss their International Yoga Day Celebration this year. With immense determination and effort, the faculty of the school backed up by its students switched to the digital style of an online yoga session.

Students were briefed about the importance of inculcating yoga as a part of their daily routine and its promising health benefits. Presentations were shown to students to impart the essence of what yoga really is and how it is a source of energy and motivation. Basic yoga exercises were performed followed by a brief meditation session. The students were also encouraged to practice all the yoga positions at home along with their family members and circulate the pictures with their teachers. It was a fresh breath of air for everyone who enjoyed the originality of Yoga blended with digital learning; this experience was truly priceless compelling all the teachers and students at Mount Mary High school to make Yoga a part of their lives that offered them peace and serenity.



YOGA FOR ONE AND ALL

Anand Vishwa Gurukul School and Junior College, Thane

Anand Vishwa Gurukul School and Junior College celebrated International Yoga day on the 21st of June. The foundation of this day was laid by our honorable Prime Minister Shri Narendra Modi marking the inference of a day solely meant for Yoga.

This day is recognized globally and foreigners throughout the seven continents come together to practice Yoga, dating back to 3000 BC. The pandemic has left us with a digital platform to showcase and circulate ideas; therefore this year's yoga session was held online.

Several online platforms were made use of to instill the idea of practicing yoga and the very fact that this pandemic has brought everyone under one roof which made it easier for their family members to actively participate too. The online session began with the honorable principal, Seema Hardikar's encouraging words followed by the wards Pratima Datar Tambat who gave a brief introduction of the guests. Nandini Chhatre, a renowned senior yoga teacher of Ghanatali Mitra Mandal along with Kalyani Kale a yoga expert in the school itself were there to conduct this session. Nandini Chhatre conducted a yoga session and enlightened the students with the beneficial roles that yoga plays in our lives. Each and every asana was thoroughly showcased and explained with precise hand and leg movements. This session revolved around the immunity system of the body accompanied by several health benefits Yoga brought with it.



Presidency School, Bhiwandi

The Covid-19 pandemic has led to the celebrations of the International Yoga Day 2020 being conducted online, a complete virtual experience. Yoga was practiced at home with family members.

International Yoga Day was celebrated by the students, parents and teachers of Presidency School virtually with great enthusiasm. The idea of dedicating a day to a centuries old practice was proposed by PM Narendra Modi. He said, "Yoga is an invaluable gift of India's ancient tradition. It's not about the exercise but to discover the sense of oneness with yourself".

Students from pre-primary till grade ten participated in the yoga session. Teachers explained the countless benefits of Yoga and demonstrated various asanas that were simultaneously followed by the students and parents. The Yoga session ended with the National Anthem.



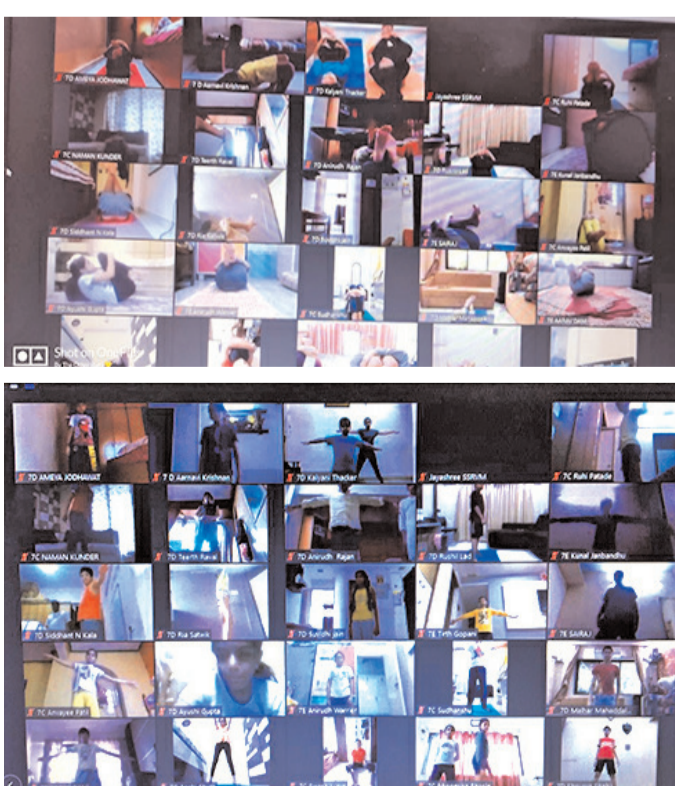
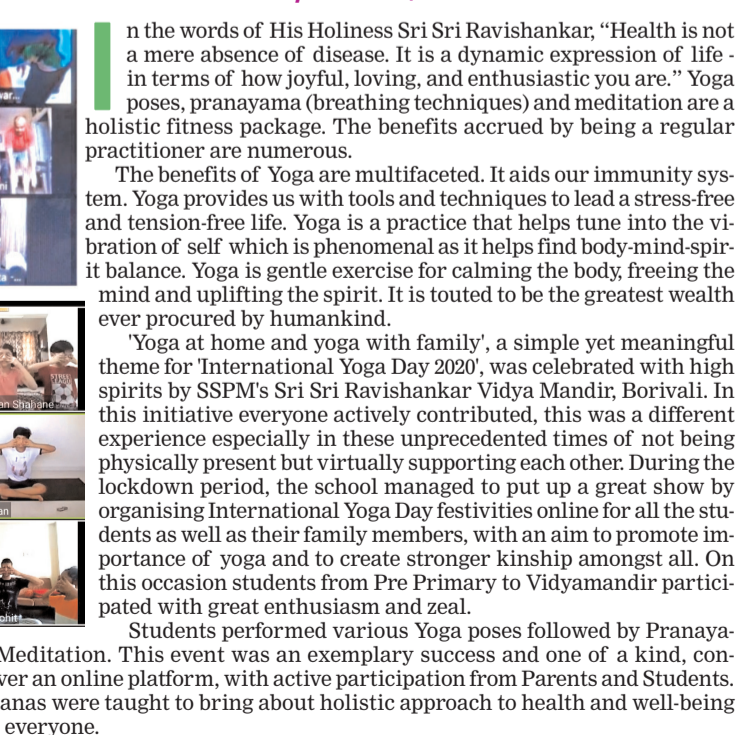
SSPM'S Sri Sri Ravishankar Vidya Mandir, Borivali

In the words of His Holiness Sri Sri Ravishankar, "Health is not a mere absence of disease. It is a dynamic expression of life - in terms of how joyful, loving, and enthusiastic you are." Yoga poses, pranayama (breathing techniques) and meditation are a holistic fitness package. The benefits accrued by being a regular practitioner are numerous.

The benefits of Yoga are multifaceted. It aids our immunity system. Yoga provides us with tools and techniques to lead a stress-free and tension-free life. Yoga is a practice that helps tune into the vibration of self which is phenomenal as it helps find body-mind-spirit balance. Yoga is gentle exercise for calming the body, freeing the mind and uplifting the spirit. It is touted to be the greatest wealth ever procured by humankind.

'Yoga at home and yoga with family', a simple yet meaningful theme for 'International Yoga Day 2020', was celebrated with high spirits by SSPM'S Sri Sri Ravishankar Vidya Mandir, Borivali. In this initiative everyone actively contributed, this was a different experience especially in these unprecedented times of not being physically present but virtually supporting each other. During the lockdown period, the school managed to put up a great show by organising International Yoga Day festivities online for all the students as well as their family members, with an aim to promote importance of yoga and to create stronger kinship amongst all. On this occasion students from Pre Primary to Vidyamandir participated with great enthusiasm and zeal.

Students performed various Yoga poses followed by Pranayama and Meditation. This event was an exemplary success and one of a kind, conducted over an online platform, with active participation from Parents and Students. These asanas were taught to bring about holistic approach to health and well-being amongst everyone.



Shri Balaji International School, Malad

Yoga is about moving towards a life where everything works better - our body, mind, energies, emotions and even the situations around us - Sadguru

International Yoga Day is celebrated every year on June 21st by yoga enthusiasts all over the world. UN declared as 21st June to promote good health, harmony and peace. The Ministry of Ayush launched the theme for this year's 'Yoga for health, Yoga at home with family'.

Shri Balaji International School celebrated International Yoga Day on June 21 at 9 am. For the first time in the history of the school, this day was celebrated through digital media. Students of forms 5, 6 and 7 took part performing yogasanas, pranayama, dhyana and masthanik prayog. Students were told about the importance of practicing Yoga.

