



THE TIMES OF INDIA

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TODAY'S EDITION

➤ Attend Ruskin Bond's class on how to be a writer
➤ Try out these easy apple recipes
PAGE 2



➤ Students share their travel diaries
➤ Missing school? Relive your school days
PAGE 3



➤ Find out why CSK failed to click this IPL
➤ Take a quiz on Messi
PAGE 4



STUDENT EDITION

WEDNESDAY, OCTOBER 21, 2020



WEB EDITION

CLICK HERE: PAGE 1 AND 2

YOUNG IGNITED MINDS HONoured

Ragini.Bharadwaj@timesgroup.com

Mobile-operated sanitisation machine, apparatus to measure tremors of a Parkinson's disease patient, machine that uses carbon dioxide to generate fuel, device for laying and wrapping mid-day meal, cycle-operated spraying machine, groundnut seed thresher... These are some of the innovative ideas that have won the prizes for Dr APJ Abdul Kalam Ignited Mind Children Creativity and Innovation Awards, 2020.

SHINING STARS

BODHISATVA KHANDERAO

Class VIII, Kendriya Vidyalaya, Maharashtra
Innovation: Labour-free multigrain cleaning machine



Called mechanical sift, the machine can be used to clean different types of grain in every harvest season—both manually and mechanically. This sift is based on the first-class lever technique with the fulcrum in the middle. The size of the machine can be changed as per the requirement. If developed, it can be a blessing for the farmers, asserts Bodhisatva.

SANDIP BISWAS

Class XI, Jawahar Navodaya Vidyalaya, Purulia, West Bengal
Innovation: Folding crutches with chair



To help the divyangs, who face problems, while commuting, sitting and walking, Sandip has designed crutches that has a facility for sitting. In this system, two parts of a crutch can be folded to form a chair and a person using can sit with no extra efforts.

➤ This year nine national awards and six appreciation awards have been given to children for their creativity and innovation
➤ Overall, more than 9,000 submissions were received from 22 states and Union territories
➤ Children studying up to class XII or dropouts presented their original ideas and innovations



VISHAL KUMAR,

Class IX, Damla, Yamuna Nagar, Haryana
Innovation: Battery rickshaw for cleaning purpose



Vishal Kumar gave wings to the proverb, 'Cleanliness is Godliness' by coming up with a solar-powered and a battery-operated rickshaw that has a broom attached with the motor. It cleans the street wherever the rickshaw moves. Importantly, there is a solar panel that charges the battery, making it a cheap device.

YASH GOKUL KSHIRSAGAR

Class VIII, Malojiraje Vidyalaya, Satara, Maharashtra
Innovation: Groundnut seed thresher

When Yash saw his mother struggling for seed separation of groundnut in the kitchen, he came up with a machine—using parts of motorcycle and bicycle—where when whole groundnuts are poured, crushed earpods are separated, while you rotate its pedal. It can separate one kg seeds in a minute.



DIGANTIKA BOSE

Class XII, Purba Bardhaman, W Bengal
Innovation: Ear pressure reduction tool due to mask usage

Digantika's idea of coming up with an ear pressure reduction tool came up after watching workers, who have to work and wear masks throughout the day. With the help of discarded plastics (or any flexible board), she made a design that sticks to the back of the head, while the mask is used reducing the pressure.



JUI KESKAR

Class IX, The Orchid School, Pune, Maharashtra
Innovation: Apparatus for measuring

To measure the tremors of a patient suffering from Parkinson's disease, Jui has devised a device that will keep track of the 3-D movement of the patient's limb and send signals to the database on the cloud, where tremor profiling is generated. It will help doctors to know the intensity, frequency and duration of the tremor, she says.



Quote unquote



“Corruption is criminal, immoral and the ultimate betrayal of public trust. In the midst of the Covid-19 pandemic, corruption is proving to be even more damaging in its impact on the most vulnerable. The response to the virus is creating new opportunities to exploit weak oversight and inadequate transparency, diverting funds away from people in their hour of greatest need.”
ANTONIO GUTERRES,
secy gen, UN

NEWS IN CLUES

This missile's name is a portmanteau of two rivers of two countries

- CLUE 1:** It's the world's first supersonic missile to be in active service.
- CLUE 2:** It's the world's fastest cruise missile currently in operation.
- CLUE 3:** It has recently been deployed along the India-China border.

ANSWER: BRAHMOS. India on Sunday test-fired the BrahMos cruise missile from Indian Navy stealth destroyer, INS Chennai, hitting a target in the Arabian Sea “successfully with pin-point accuracy”, according to the DRDO. Named after the Brahmaputra and Moskva rivers, in India and Russia respectively, it can travel at a speed of Mach 2.8, and has been deployed in Ladakh and Arunachal Pradesh during the ongoing border stand-off with China

RIDLEY SCOTT, JOAQUIN PHOENIX TO REUNITE FOR FILM ON NAPOLEON BONAPARTE

Veteran director Ridley Scott and Hollywood star Joaquin Phoenix are teaming up once again for a period feature, titled 'Kitbag', which will see the 'Joker' actor play French military leader and emperor Napoleon Bonaparte. The film marks the second collaboration between Scott and Phoenix after the multiple Oscar-winning 'Gladiator' (2000).



- 'Kitbag', the film's title, is derived from the saying, 'There is a general's staff hidden in every soldier's kitbag'
- A kitbag is a long narrow bag, which is used by the soldiers to carry clothes and other personal possessions
- According to Deadline, the project is an original and personal look at Napoleon's origins and his swift, ruthless climb to become an emperor. It captures Napoleon's famous battles, relentless ambition and strategic mind as a leader and a war visionary

Photo: Getty Images

NEWS IN BRIEF

NOW, PPE GOES LUXE



Luxury PPE (Personal Protective Equipment) is the latest attempt by high-fashion brands to redefine the world of haute couture and protective gear. Earlier this month, French fashion house Louis Vuitton announced that it would soon be launching the LV Shield, a protective visor, with gold studs embossed on the logo, rumoured to be priced over a whopping \$900! At the Emmy Awards this year, the trophy presenters rocked tuxedo hazmat suits while handing out the awards to a lucky few at the virtual ceremony.

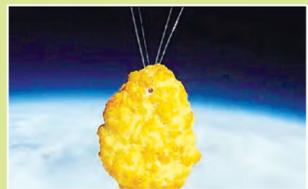
LIFESTYLE

WHEN WILLIAM AND KATE PLAYED PICTONARY WITH STUDENTS

The Duke and Duchess of Cambridge played a virtual game of pictionary with a group of children in Pakistan recently to mark a year since they first met them. The couple, who toured the country in 2019, spoke to kids virtually at the Islamabad Model College for Girls and the SOS Children's Village in Lahore, which they visited, while they were there a year ago. They were then given friendship bracelets by the children at the village. William wore his recently, during a documentary he filmed on mental health, which aired during the lockdown



BRITISH COMPANY LAUNCHES CHICKEN NUGGET INTO SPACE!



Iceland Foods, a British supermarket chain, sent a chicken nugget into space for the first time ever as a part of their 50th birthday celebrations. “We don't know who needs to hear this, but we sent the first-ever chicken nugget into space today. Why? We have no idea, but it was out of 'this world'”, the company tweeted. The company also released a one minute 59 seconds video that showed how the chicken nugget was thrown into the space and its journey captured on camera. The nugget reportedly reached about 1.10 lakh feet above the Earth in a time period of 45 minutes. It then returned back and landed safely with a parachute.

LAUGHTER, AN EFFECTIVE MEDICINE IN THESE TRYING TIMES



Photo: Getty Images

Some doctors, nurses and therapists have a prescription for all of us to get through this seemingly never-ending pandemic: Try a little laughter. Humour is not just a distraction from the grim reality of the crisis, says Dr. Michael Miller, a cardiologist. It's a winning strategy to stay healthy in the face of it. “Having a good sense of humour is an excellent way to relieve stress and anxiety and bring back a sense of normalcy during these turbulent times,” he adds.

Laughter releases nitric oxide, a chemical that relaxes blood vessels, reduces blood pressure and decreases clotting, Miller said. In fact, a study of older men and women in Japan has confirmed that those who tend to laugh more have a lower risk of major cardiovascular illness. Possessing a healthy sense of humour is also associated with living longer, says another study

HOW TO GO ABOUT IT: Miller prescribes “one good belly laugh a day” for his patients. It's not just going “ha, ha,” he explains, but a “deep physiological laugh that elicits tears of joys and relaxation”
TRY THIS: Get your family together and laugh out loud every morning for at least five minutes. Invite everyone to crack jokes or pretend the living room is a stage and host a comedy night. Watch comedy serials/web series/youtube videos that elicit some serious giggles. Avoid the ones with laughter tracks in the background, because no one laughs along



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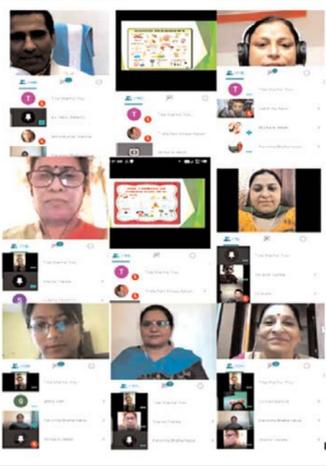
WELCOME TINY TOTS

On September 21 KV ONGC celebrated Pravesh Utsav online to welcome the newest members of the KV family, class 1 students. They enthusiastically welcomed their tiny tots. All teachers were eager to welcome these children, everybody was preparing for weeks for the event.

Firstly, CCA in-charge Paromita Bhattacharya and coordinator Reena Kumari wholeheartedly welcomed all children and their parents and introduced them to all the standard 1 Class Teachers.

Thereafter, the Headmistress Sunita Tripathy addressed students and parents. She guided all parents, teachers and students as to how they can work together to achieve all round development of children.

They discussed how they can tap and use student's potential to the fullest. With the help of a video students and their parents were introduced to the school and its premises. Students



span over a period of six weeks.

Thereafter, respected vice-principal Sohan Lal welcomed all students. The children were introduced to the school functionality, he talked about Good Habits, importance of School Uniform etc. They also how to work together to organise and conduct online learning activities for students.

Moving forward with the programme Nirmala Singh, PGT Hindi, welcomed the little ones warmly. Students were happy and excited to interact with her. Pravesh Utsav was conducted in a well organised manner.

To conclude, vice principal, headmistress and all the class teachers of Standard 1 congratulated and welcomed the students again and wished them a bright future. The programme came to an end with passing on some important instructions to parents to help their ward in learning.

All roads that lead to success Have to pass through hard work

Students along with their parents were guided about the School Readiness Programme that will

Adversity brings opportunity

As rightly said by Albert Einstein 'In the midst of every crisis lies great opportunity'. The SCD Barfivala High School truly believes in it.

The principal Vidya Purov always reminds the teachers: 'When you focus on problems you will have more, when you focus on possibilities you will have more opportunities'.

The teachers of SCD Barfivala high school besides teaching came up with various fun filled activities on zoom to keep their students and parents happy and contented.

At this time with the help of our Interact club of Rotary SCD Barfivala high school conducted a program to share their joy and happiness with children of Balbhavan and elders of Anand



Vridhasharam. A program *Rang Rangili* Shyam was organised under the guidance of Kala Shridhar (President Rotary Club Juhu Mumbai). The chief guest at the program was Rtn Chetan Desai (project director of Baghban Dis 3141)

Old melodies and graceful dance performance by teachers, parents and ex students made the evening more colorful.

The program was graced by the management members of the school, Rotarians members, teachers and students. The program streamed live on YouTube for every one. It was a very emotional moment for the principal and teachers to hear overwhelming feedback given by the elders and children of Balbhavan.

MIND OVER MATTER

World Mental Health Day is observed on 10th October every year, with the overall objective of raising awareness of mental health issues around the world and mobilizing efforts in support of mental health. In this new system of online classes, restrictions of outdoor activities, children also need to have empathetic handling that will keep them free of stress and anxiety. In this context, Mental Health Week was observed by D.A.V. Public School, Nerul from 4th to 10th October, 2020 on the occasion of World Mental Health Day.

During the Mental Health Week, teachers of Std 1 to 4 took up the activity of story telling in an online mode. Teachers narrated stories to their students highlighting different components of mental well-being. Beautiful presentations depicting the story was shown to the students. Related to the story questions were asked by the teachers to enable reflection by students.



touching on different aspects of mental well-being in the story. Children also came up with beautiful slogans.

Students enjoyed listening to the stories with the visual presentations, thereby adding to their library a new story.

The students made innovative posters to create awareness about the importance of mental health issues. The students joined on a virtual platform with a group song and a group dance with the message of positivity and hope. A few students shared their experiences on how they have successfully crossed the hurdle of mental health obstacles which is especially relevant in adolescent years. In this regard they acknowledged the contribution of principal, Jose Kurian, whose positive thoughts and messages have always motivated and inspired them. The students gave the message that mental health is nothing less than a fundamental right and everybody must make it a priority

MY SCHOOL, MY HOME

Every school is unique. Every school is special to its students. Your school wants to make you ready for the world

You had spent your life in your school, made friends and more. Life had stitched you and your school with a thread that grew stronger over the years. You always felt your school was the best and the most innovative. Maybe you feel proud of your school because of the awards and respect it has earned. Every step you take to bring your school higher even if it is negligible makes the thread even stronger and tighter. You always feel happy for someone who has been by your side your whole life and who never once refrained or backed down as you climbed steps together. The more you appreciate and relate to this article, the more the thread is strong. As the time passes you can't comprehend that it's time to leave. It still seems like a black swan event to you. That's the moment you realise that you will miss your school. Even if you had some bad days and days where you wished you wouldn't go to school, you will never forget the walls in which you spent your childhood. To change the quote, behind every successful person is his school which was tied with the strongest thread.

Richa Kamath, class IX, BK Birla Public School, Kalyan (As told to Tejashree Sonawane)



INDIAN AIR FORCE DAY

New Horizon Scholars School, Thane Kavesar

The Indian Air Force also known as "Bhartiya Vayu Sena" is the aerial arm of Indian armed forces. It was officially established on 8th October 1932 hence the day is celebrated to increase the Awareness of Indian Air Force in any organisation of national security both officially and publicly. The Indian Air Force functions with the Motto "Touching the Sky with Glory"

The children at New Horizon Scholars School, Thane expressed high regards for the dedication and hard work of Indian Air Force. The students prepared a Power-Point Presentation: A look at why the day is celebrated, the tradition attached with it and its significance, they were also shown a documentary film on armed forces.

The day ended with tribute to countless sacrifices made by the air warriors not in just safeguarding the skies but also in numerous humanitarian aid and disaster relief operations taken up till now and in the days to come.



Ryan International School, CBSE, Kandivli

Who kept the faith and fought the fight; the glory theirs, the duty ours. Happy Indian Air Force Day 2020! At Air Force's 88th Anniversary, on 8th October, Indian Air Force Day is observed to mark the birth of the Indian Air Force (IAF) and to raise awareness about the Indian air force in any organisation of the national security both officially and publicly.



Ryan International school, Kandivli CBSE celebrated Indian Airforce Day during the virtual classes showcasing its airpower: students were briefed well about the three power houses of the Army, the Military and the Airforce. Indian Air Force is also known as "Bhartiya Vayu Sena". The Indian Air Force, the air arm of the Indian military, has its prime duty of protecting the Indian airspace and in addition to doing the ethereal warfare amid any clash.

Students expressed their love and gratitude to the Indian Airforce with gratitude letters for their relentless efforts and services for safeguarding the nation and conquering the sky with their zeal.

Narayana-e - Techno School, Andheri East

What an amazing day to feel proud of! The nation is celebrating the struggle of our heroes and their powers to fight against enemies and at the other end our little heroes are saluting and paying respect to the INDIAN AIR FORCE. Yes, we had an activity at Narayana where children are making posters of our proud Air Force and sharing knowledge and facts about it for the Indian Air Force Day. An Anthem for the same was played and everyone stood up to pay their respects and saluted the warriors.



MULTI TALENTED CHAMP

MIHKA GUPTA, a 7 year old student of Bai Avabai Framji Petit Girls' High School has set an incredible record of solving 7 different types of Rubix Cubes (2x2, 1x3x3, 3x3, 2x2x3, Pyraminx, Skewb and rainbow cube) while simultaneously hula hooping within 6 minutes and 24 seconds. Asia Book of Records and India Book of Records has recognised her as the youngest child to achieve such a feat and awarded her with medals and certificates last month. Mihika is also an avid football player along with solving cubes and hula hooping.



A TRIP TO JAMSHEDPUR

22 December 2019, is a memorable day for me.

I was going to be travelling to Jamshedpur, my hometown with my family and I was going there by train. I prepared a plan for the journey which involved waking up early, getting ready and leaving the house at 8 am, booking a cab and safely reaching the station before 11 am and get on the train with no worries, little did I know that none of the things went according to the plan, here's what happened.

I woke up at 8am, what followed thereafter was a series of unfortunate events. Finally, we got ready within 10 minutes, skipping lunch and already my perfect plan was ruined but there was no time to think about the negatives, I got a cab which took another 10 minutes to arrive and as we were halfway, it was already 10:00am, there was no possible way we were getting on that train.

My heart rate was gradually increasing with each turn, honk and red light that caught my eye as we skeddaddled through the streets of Mumbai.

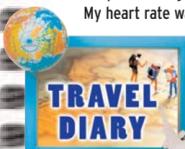
Here's the part of this story that really brings luck to our main factor, we



reached the station at exactly 10:55 am and there were only five minutes left for us to hurry with our luggage and somehow get on the train, we ran as if we were running our lives for our lives. All I could hear was the constant pounding of my heart as my bag clung on my hands and by some magical wish, we did end up getting on the train and most likely broke the sound barrier by our intense running.

The rest of the journey was smooth and it was a very peaceful one after this ardent experience of running against time and the main lesson I can take away from this is to make sure your phone's charger is always plugged in before you go to sleep.

Hanif Alam, N L Dalmia High School, Mumbai



'THIS TEAM MAY HAVE RUN OUT OF JUICE'



CSK head coach Stephen Fleming admitted his team might have run out of juice this season. CSK are embracing one of their worst seasons in the history of IPL. The three-time champions have so far managed to make it to the playoffs in all ten seasons that they have been part of the tournament but this year the streak is likely to come to an end. Here's what went wrong for CSK...

“Fair enough, this season we weren't really there. Also the youngsters, we didn't see the spark to push the guys.”

WHY CSK FAILED TO CLICK?

DISAPPOINTING BATTING SHOW

MS Dhoni-led side has been disappointing with the bat. Even Dhoni had conceded that a lot of deliveries are being left by his side's batsmen in a format which mostly rewards big shots. "Batting has been bit of a worry. We need to do something about it. We can't just keep turning up...it is almost the same thing that is happening maybe the individuals are different. Our batting has lacked a bit of, you can say, power more from the 6th over onwards."

POOR FORM OF INDIAN PLAYERS

One of Chennai's biggest problems this season has been the inability of Indian players to absorb pressure. While Ambati Rayudu did win CSK the first game of the season against Mumbai Indians, the likes of Kedar Jadhav, Piyush Chawla, Ravindra Jadeja (with the ball), etc. couldn't quite produce the level of performances that were expected from them.



Many have questioned the inclusion of Kedar Jadhav in Playing XI

MSD LOSING HIS 'FINISHING TOUCH'

Dhoni came back to professional cricket after 14 months of sabbatical in the ongoing IPL 2020. However, Dhoni, who is regarded as the best finisher in the world, hasn't been up to the mark, failing to finish off games. In the match against RR, he gave two Indian leggies without international experience Shreyas Gopal and Rahul Tewatia the respect that Shane Warne would probably have got in his prime. Dhoni probably knew in his mind what he had to do, but it was evident that his game where he could churn out sixes at ease has left him.

KRIS SRIKANTH TEARS INTO MS DHONI'S CSK 'YOUNGSTERS' COMMENT

Former India captain Kris Srikanth slammed Dhoni for saying that youngsters in his team lack spark

“That was an atrocious comment. It is so demotivating for youngsters. Will any youngster want to play for CSK when a captain says stuff like this? How can he make that statement? How can he say that he is not able to find a 'spark' in youngsters? What did you see in Kedar Jadhav? I can't understand. Absolute rubbish. What spark is there in Piyush Chawla?”
Kris Srikanth

'Players may withdraw from tours due to bio-bubble burnout'



England's players can withdraw from tours if they feel playing in bio-secure bubbles during the Covid-19 pandemic will take a toll on their mental health, the country's limited-overs captain Eoin Morgan has said. England hosted West Indies, Pakistan and Australia after cricket's restart in July, with the teams restricted to playing in Manchester and Southampton where the ECB had set up bubbles. The Indian Premier League has set up a bubble for players in the United Arab Emirates and similar curbs on movement will be in place with England expected to tour South Africa next month.

“We've spoken about this as a team and we've accepted that guys will come in and out of the bubble as they feel it is affecting their mental health. I do think we will see people pull out of tours. That's just going to be the reality of things.”
Eoin Morgan, KKR captain

Barca not among Champions League favourites, says Koeman



FC Barcelona coach Ronald Koeman with Ansu Fati during a match

Barcelona coach Ronald Koeman believes his side are not among the favourites to win this season's Champions League with the Catalans having made a stuttering start to the new season.

My role is to bat at number five for now

Jos Buttler



TEST YOUR KNOWLEDGE

FOOTBALL QUIZ | Lionel Messi

Q1: How many Ballon d'Or awards has Lionel Messi won?
a) Four b) Five c) Six d) Seven

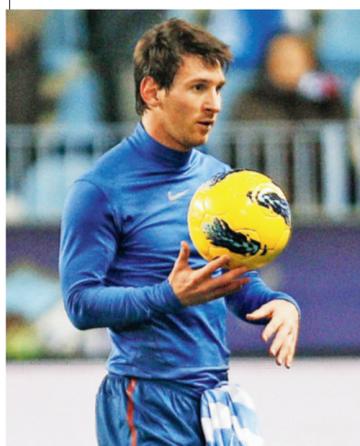
Q2: How many European Golden Shoes awards has Lionel Messi won?
a) Four b) Five c) Six d) Seven

Q3: Which club in Argentina did Messi play for in his Youth career?
a) Rosario Central b) Newell's Old Boys c) Tiro Federal d) Belgrano de Rosario

Q4: At what age did Lionel Messi cross the Atlantic to try his luck in Barcelona, and join the Under 14s.
a) 13 b) 14 c) 15 d) 16

Q5: Messi made his first appearance in an official match on October 16, 2004, in Barcelona's derby win at the Olympic Stadium. Against which club did they play?
a) Juventus b) Real Betis c) Espanyol d) Valencia

Q6: Against which club did Messi score the goal that won Barça their first Club World Cup?
a) Club Atlético River Plate b) Estudiantes c) Rosario Central d) Santos FC



Q7: In 2018, Messi became the Barcelona captain. From whom did he take over?
a) David Villa b) Fernando Torres c) Sergio Ramos d) Andrés Iniesta

Q8: The league title in 2019 saw Lionel Messi become the most decorated footballer in FC Barcelona history. How many trophies does he have to his name?
a) 32 b) 34 c) 30 d) 37

Q9: In which year did Messi become the youngest player ever to score in the league for Barça, a record now held by Ansu Fati?
a) 2004 b) 2005 c) 2006 d) 2007

Q10: How many times has Lionel Messi been the Champions League top scorer?

a) Seven b) Six c) Five d) Four

Q11: How many times has Messi been 'Pichichi' (top scorer) in La Liga?
a) Two times b) Seven times c) Three times d) Six times

Q12: He ended 2012 with the record number of goals in a calendar year. How many goals did he score?
a) 91 b) 95 c) 97 d) 92

Q13: Lionel Messi played at the Beijing Olympics, and came home with which medal?
a) Gold b) Silver c) Bronze d) None of the above

ANSWERS: 1- c) Six 2- c) six 3- b) Newell's Old Boys 4- a) 13 5- c) Espanyol 6- b) Estudiantes 7- d) Andrés Iniesta 8- b) 34 9- b) 2005 10- b) Six 11- b) Seven times 12- a) 91 13- a) Gold