

# Virtual reality in the classrooms not far away

I had a strange dream about a strange occurrence. Mechanical teachers or robotic teachers were teaching us physics, chemistry and social studies and many more subjects. I was amused. I wondered how it would be to interact with real time mechanical teachers or robotic teachers. I'm wondered whether human teachers would actually be replaced by robots one day. Perhaps not I thought to myself. But then my dream came true. I saw a robotic teacher showing us an experiment on focal length of spherical mirrors. Wow, what a fantastic experience! And then, social studies robotic teacher joined us. Instead of teaching students the history of India from a textbook, the robotic teacher told us to put on the VR headset and experience Roman Civilization. It was an amazing and engaging experience!



**STUDENT SPEAK**  
Shubhayu Mandal, class X, Nagarjuna Vidya Niketan

The next class was amazing. In the chemistry class the robotic teacher made us carry out a laboratory experiment, which allowed students to perform experiments using harmful chemicals and flames without contact with any of them. I'm sure there will be more development in the virtual science lab that is currently available. Artificial intelligence is making big strides these days, and makes me think whether robots will take over from teachers one day? I believe that robots and other intelligent machines will begin to replace teachers in schools. The use of virtual reality in schools is likely to increase a lot due to the current situation following the covid19 pandemic. Just as technology now enables us to shoot and edit photographs and videos, design posters and websites, blog and interact online, teachers will be able to use virtual intelligent machines to aid their teaching process. A lot of tech companies have already started investing heavily in virtual reality projects.



NAME: SHUBHAYU MANDAL, CLASS: X 'D'

## FRIENDSHIP

Who are friends? This question takes my mind to an indescribable world. For many people friendship is just a page in their life book while for others it's a matter of survival.

Who are friends? The person who lends. They always care, Hence, they are fair. They always trust, So, we must. All the affection is not fiction.

I want to win, Without a sin. They are so true They act like glue.

They protest for me, Like a family The key to win the war, Near or far.

I hope you all realise true friendship. It's hard to find, and it is difficult to choose a true friend. But, everyone must have a true friend who will be like a wall that never breaks and stands by you like a support.

M S Sahana, class VI, GJR International School



Making a million friends is not a miracle. The miracle is to make a friend who will stand by you when millions are against you.

Drawing by Harjas, class II, GJR Intl School

# Gender Parity is a humanitarian issue

Gender parity is not just an issue of women's rights or just for the female half of our country. It is a humanitarian issue, an issue worth questioning about our morals, our compassion for the unborn child in a mother's womb. No child deserves to die. Every person, every girl has the potential to be as much as their male counterparts, and more. In fact, girls have higher survival rates at birth, are more likely to be developmentally on track, and are just as likely to participate in preschool. Among those who reach secondary school, girls tend to outperform boys in academics, for example, across every country where data is available. So, the real question is why do girls not have the same opportunities and chance at life like boys? Why do girls have to face so many issues just to build a respectable life for herself? "Let the world paint itself in different colours with its diverse beings blooming in full valour uniquely."

Namrata Shah, teacher, Delhi Public School East

Unconscious gender bias remains a significance barrier to women's career advancement. It is also difficult to identify and prevent. Globally, women are underrepresented in corporations, and the share of women decreases with each step up the corporate hierarchy. Women encounter many barriers to advancement into corporate leadership positions, and these barriers include gender-based discrimination as well as unconscious gender bias. Many companies have shown their commitment to gender equality by establishing family-friendly policies and facilitating women's careers. Some research has focused on multinational companies and additional research is needed to generate data on the impact on unconscious gender bias in many other countries that likely face similar challenges.

Ashwani, teacher, Air Force School ASTE

## TEACHERS SPEAK

## STRANGERS

I thought you loved me  
And I loved you back with my whole heart  
But in the end  
You left me alone in the dark

I thought you were my best friend  
The secrets between us became overwhelming;  
Overnight  
We became strangers  
But this time with memories which we made together

Diya Chaki, class X, DPS Whitefield

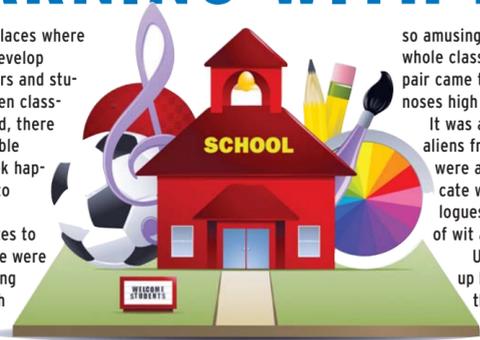
# LEARNING WITH FUN

Classrooms are places where special bonds develop between teachers and students and also between classmates. That being said, there are so many pleasurable moments one can seek happiness in, and I wish to mention one such.

This incident relates to around a week ago. We were doing a dialogue writing exercise in the English class. Our teacher called out a few of us randomly to enact the script.

The topic was to strike a small dialogue between a ticket collector and a passenger wanting to confirm his seat berth. The stage was all set.

Even before the role-play began, everyone was all



CLASSROOM ANTICS

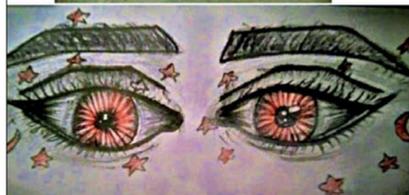
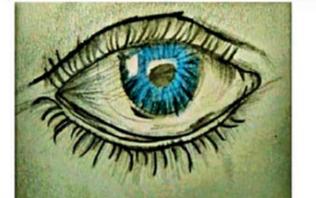
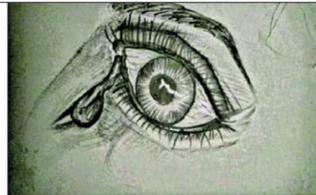
so amusing and abstract that the whole class started giggling. Each pair came to stage, their acts with noses high up in the air.

It was almost as though two aliens from two different planets were attempting to communicate with each other. The dialogues were a brilliant display of wit and ingenuity.

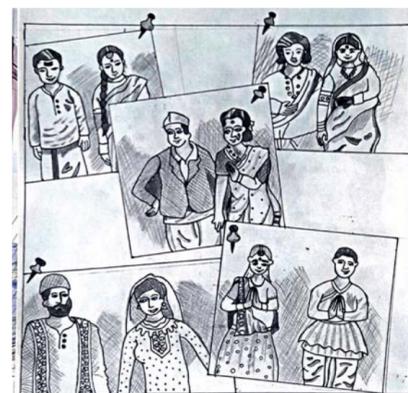
Undoubtedly some ended up being so humorous that they got firmly etched in my memory. What an entertaining day it was! Once they finished, the participants received a big round of applause. They had left us in a state of great hilarity and aching stomachs!

AARNA BHATIA, class VII, The PSBB Millennium School OMR, Chennai

# Painters' Gallery



ALL EYES: Vaishnavi Wadekar, class XI, APS, PRTC



INDIAN CULTURE: Botcha Pranav, class VII, HAL Public School

This is where I would be. Sitting high in the sky. With the Sun shining through me. The grey clouds behind me. From rains that have passed by. Looking down on God's own earth.

With coloured tears that fill my eyes. These tears are vibrant and are of different hues. All vibrating at different rates. Each one will affect you. I can arch across the sky. In a colourful display. And other times on walls. I'll dance around and play. The colours that are shown to you - Will heal your inner soul. And also bring your body back to balance and make you whole.

If I were a rainbow. You could see me from your door. Or looking out your window. As you may have done before. But one thing I can promise. I'll never look the same. Each one is original. No need

## IF I WERE A RAINBOW



to sign my name. Sometimes I'll arch across flatlands. Other times the plains. Or maybe jump a canyon. Or a beautiful mountain range. If you ever want to see me, I'll always be so near. No further than your garden hose or a tiny tear. A spider web in the morning. With the dewdrops set thereon. All I need is sunlight. To turn my colours on. As long as there is sunlight. Even a crystal will do. Just hang one on the window where the Sun can shine through. Then I will paint a rainbow. On your wall that's just for you. To let you know I love you. And will your whole life through. No matter what your colour. No matter what your race. Rainbows are not prejudiced. They love all in God's space.

N. JAYSHRI, class VII-C, John Dewey Matric HSS, Panruti



GEOMETRIC ART: Aatish, GJR Intl School



THE TROJAN: Sathwik Teja T, class IX, Clarence Public School

# BATTLE OF SPINNERS

## Delhi Capitals to take on Rajasthan Royals

**Y**uzvendra Chahal's bagful of tricks will meet its perfect match in Kuldeep Yadav's guile as the two wrist spinners are expected to dictate the narrative when Rajasthan Royals clash with Delhi Capitals in an IPL match, on Friday. With current 'Orange Cap' holder Jos Buttler (375 runs) and 'Purple Cap' holder Chahal (17 wickets) in their ranks, Royals are a team that is looking pretty formidable at the moment even with a dysfunctional middle-order, save Shimron Hetmyer. On the other hand, resurgent Capitals are battling the agony that comes with a mini COVID-19 outbreak in the camp but are still trying to put their best foot forward to stay afloat. In this backdrop, the two wrist-spinners, who are currently dominating the bowling charts will be itching to show their wares with Kuldeep (13 wickets at No. 2) expected to pose some questions for in-form Buttler in case there is a match-up.

### GOOD FOR BATTING

For Delhi, Kuldeep along with Axar Patel and Lalit Yadav would like to stem the run-flow but stopping Buttler will be on top of their agenda on a Wankhede track that is expected to be good for batting. For Chahal, how he varies the pace against a rampaging David Warner or the ever-attacking Prithvi Shaw and skipper Rishabh Pant will be a delight for the fans. In the past five years, life has come to a full circle for 'Kul-Cha' who were the 'taste' of the nation between 2017 and 2019 when wrist spinners were in vogue during the Ravi Shastri-Virat Kohli era. While Chahal got a body blow after being dropped from the last T20 World Cup squad and was sporadically picked in white ball formats, Kuldeep also lost his way. But now the smile is back and so is the guile. The left-arm wrist spinner's googly -- the one that turns away from right-hander -- is back and so is the conventional left-arm leg-break which comes into the right-hander.

### TESTED IN EARNEST

Mustafizur Rahaman's cutters and Khaleel Ahmed's clever change of pace could also trouble the likes of Sanju Samson and Riyan Parag. Similarly, if Trent Boult gets one to tail in first-up, Shaw's response and technique will be tested in earnest. But Royals have now got a calm death bowler in West Indies' Obed McCoy, who was brilliant while bowling the final over against KKR. McCoy, who made his IPL debut in the last game, is tall and looked like using his height to a good ad-

vantage to create awkward angles and length for the Delhi batters. If middle-order non-performance is an issue for Royals, the DC doesn't seem to have found the second Indian batter in that middle-order slot apart from skipper Pant, who can take the bowling apart. Mandeep Singh was a massive failure against genuine quick bowling, but Sarfaraz Khan is trying to play himself in. Rovman Powell till now has failed to show his destructive self and these are the players, who need to push the envelope when it comes to maintaining the momentum. **PH**

### Upcoming IPL Matches



VS



APRIL 22

7.30 PM

Maharashtra Cricket Association Stadium, Pune



VS



APRIL 23

3.30 PM

Dr DY Patil Sports Academy, Mumbai



VS



APRIL 23

7.30 PM

Brabourne Stadium, Mumbai



Yuzvendra Chahal



Kuldeep Yadav

## ARSENAL SINK CHELSEA

### STRIKER NKETIAH'S DOUBLE INSPIRES A DRAMATIC 4-2 WIN

**E**ddie Nketiah boosted Arsenal's bid for a top-four finish in the Premier League as the striker's double inspired a dramatic 4-2 win against Chelsea on Wednesday. Nketiah was released by Chelsea as a 16-year-old in 2015 and he exacted a measure of revenge with his first league goals this season. The 22-year-old put Arsenal ahead early on at Stamford Bridge before Timo Werner equalised. Mikel Arteta's side regained the lead through Emile Smith Rowe, only for Cesar Azpilicueta to draw Chelsea level again. Nketiah settled a pulsating London derby when he punished Chelsea defending in the second half and Bukayo Saka bagged the fourth with a stoppage-time penalty.

### CRUCIAL CONTRIBUTION

After losing their last three games, Nketiah's crucial contribution lifted Arsenal back into the race to qualify for next season's Champions League via a top-four finish. The Gunners are in fifth place, behind fourth-placed Tottenham on goal difference with both teams having six games to play. "It's a great night and the players deserve it. It has been a tough

two weeks but you have to bounce back and show spirit," Arteta said.

### ANOTHER VITAL TEST

Arsenal's hopes of returning to the Champions League for the first time since 2017 face another vital test against sixth-placed Manchester United on Saturday.

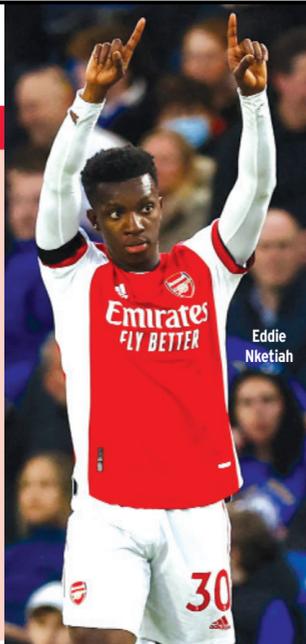


**It's a great night and the players deserve it. It has been a tough two weeks but you have to bounce back and show spirit Arsenal coach MIKEL ARTETA**

FA Cup finalists Chelsea remain in third place, but they are now only five points ahead of Arsenal and cannot take a top-four place for granted. Chelsea have conceded 11 goals in their last three home games and Azpilicueta's frustration boiled over in an angry exchange with a fan after the final whistle. Blues boss Thomas Tuchel admitted he could empathise with the fan's angst. "I was not part of it, I saw it, but, honestly, I can also understand the fan," Tuchel said.

### EXTREMELY UNCONVINCING

With Thiago Silva and Antonio Rudiger absent from the start, Chelsea's defending was extremely unconvincing, and Arsenal took the lead in the 13th minute. In the 57th minute, Silva's tackle diverted the ball towards Sarr and N'Golo Kante, but neither reacted enough to clear before Nketiah poked his shot past Mendy. Marcos Alonso almost snatched an equaliser when Ramsdale spilled Reece James' cross, but the defender's goalbound shot was blocked. Saka delivered the final blow, calmly converting a penalty after Azpilicueta hauled down the Arsenal forward. **AFP**



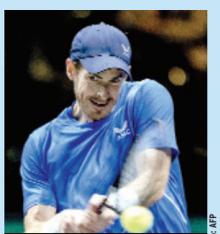
Eddie Nketiah

## MURRAY REVERSES DECISION TO SKIP CLAY, TO PLAY MADRID OPEN

**F**ormer world no. one Andy Murray has reversed his decision to skip the entire clay-court season after being confirmed a wildcard entry for the Madrid Open. This year's Madrid Open gets underway on Tuesday and is set to conclude on May 8. Murray could also compete at the Italian Open - which starts on May 2.

The two-time Wimbledon champion had previously indicated he'd miss the clay season in order to focus on his preparations for the grass season. However, he has now changed his plans and will be in action in the Spanish capital next week, his first appearance at the event since a third-round exit at the hands of Borna Coric in 2017.

The 34-year-old has lost in the second round in his last six tournaments, including



Andy Murray

to world number two Daniil Medvedev at the Miami Open late last month. Former world no. one Murray beat Gilles Simon in the 2008 championship match to claim his first Madrid title.

The tournament will be held at the Caja Magica, where the world no. three Alexander Zverev will be the defending champion. **ANI**

## QUIZ TIME!

**Q1:** Which player has the most number of Not-outs in ODI cricket?

- Shaun Pollock
- Muttiah Muralitharan
- Chris Harris
- M S Dhoni

**Q2:** Apart from P V Sindhu, which other Indian has won an Olympic medal in badminton?

- Saina Nehwal
- Ashwini Ponnappa
- Jwala Gutta
- P C Thulasi

**Q3:** Naorem Priyanka Devi was the only scorer as India registered a 1-0 victory in the first friendly with the team. Which country did they play against?

- Egypt
- Japan
- Denmark
- France

**Q4:** The youngest world Sebastian Vettel of Germany currently drives for

- Ferrari
- Red Bull
- McLaren
- Aston Martin

**Q5:** Golfer Tiger Woods won his first green jacket 25



Tiger Woods

years ago. How many in total has he won since then?

- Two
- One
- Five
- Ten

**Q6:** Who won the Australian Grand Prix 2022?

- Charles Leclerc
- Sergio Perez
- George Russell
- Esteban Ocon

**Q7:** Which team won the first 1975?

- West Indies
- Australia
- England
- New Zealand

**Q8:** When was the first global torch relay undertaken?

- 1996
- 1978
- 2000
- 2004

**Q9:** Which country hosted the 2010 Commonwealth Games?

- India
- Canada
- Australia
- Ireland

**ANSWERS:** 1 d M S Dhoni 2 a Saina Nehwal 3 a Egypt 4 d Aston Martin 5 c Five 6 a Charles Leclerc 7 a West Indies 8 d 2004 9 a India