

GPSC holds annual convention 'Unexplored Realms'

Under the aegis of Gurgaon Progressive Schools' Council (GPSC) cum Sahodaya, CCA School organised an inter school science convention titled 'Unexplored Realms' on October 29, in the school premises. The chief guest for the scientific convention Dr Sudha Yadav, former member of the parliament was greeted with a planter. The event started at 9 am with the ceremonial lighting of the lamp by the chief guest and other dignitaries. It was followed by Ganesh Vandana. Students from fifteen reputed schools of Gurugram including CCA participated in this event with zeal and gusto. The learned judiciary included Shweta Yadav, strategic programs and operations manager Accenture and Dr DP Bhatt, retired professor, Dronacharya College.



The aim of the competition was to infuse the spirit of discovery in school children, increase their interest in science and technology and build a robust scientific temper. The three topics given for the conclave were 'Medical research: Not just for life span but for health span', 'Intelligence: A blend of nature and nurture',

'Human intelligence and artificial intelligence: A story of co-existence'. The expertise with which students presented their views was commendable. They skillfully answered the questions asked. The questions put forth were intriguing, exciting, challenging and made the audience spellbound. The other events were 'Strokes and splashes' and 'Through the lens'. The theme for the painting contest was 'There is no planet B'. Children learnt to explore the extent of their imagination and expressed themselves creatively on how science can save moth-

er earth. The theme for 'Through the lens: Photo contest' was 'Nature at its best'. The participants captured exquisite landscape, flora and fauna among other visual treats.

The judges appreciated the participants for their confidence and clarity of thought. In 'Speak your mind', Riddhima from The Maurya School was the ecstatic winner, second position was bagged by Ananya from Salwan Public School and third position was shared by Shrey from Suncity School and Ria from GD Goenka Public School. In 'Strokes and Splashes' event, the first position was captured by Lakshay Raj Yadav from The Maurya School, Mahi Bansal from GD Goenka Public School stood second and third position was bagged by Heeral Verma from Suncity School. Anushka Thapliyal from Gyan Devi Senior Secondary School walked away with the first prize, Aryaman Gudwani from Manav Rachna International School earned second position and Khushi Singh from Bal Bharti Public School was placed third in 'Through the Lens' event. The winners were conferred with mementoes and certificates.

The motivational words of the school director principal Nirmal Yadav marked the culmination of the event. She also congratulated the winners and participating teams for their praiseworthy performance. Overall it was a knowledgeable and enthralling experience.

SRDAVians become youngest developers

The young tech enthusiasts from SRDAV Public School, Dayanand Vihar, Delhi have become one of the youngest language developers to receive worldwide acclaim for developing high level programming language, the 'Yellow Submarine'. Aaryamitra Pateriya and Pranat Sharma from class XII have developed a programming language that offers quick setup for complex algorithms and processes in machine learning and artificial intelligence. This is first ever made-in-India computer language to meet the demands of the modern age. One of the unique features of the language is that it offers a dynamic typography with optional Sanskrit and Hindi configurations, English being default typography

for the users. The 'Yellow Submarine' will give a vantage to IT project leaders who usually spend a lot of time writing codes for programming. Powered by Python, the programming that may take up to ten days can now be done in one day. The 'Yellow Submarine' is expected to be a precursor to major revolution in the world of programming.



Aaryamitra Pateriya is also writing a book titled 'Machine Learning and Python: Elucidating the Connection between Calculus and Programming to Facilitate Artificial Intelligence'. Vinita Kapoor, principal of SRDAV Public School, commended the achievements of these young technocrats.

Ryan marks World Science Day

Ryan International School, Sec-40 Gurugram has always believed in spreading awareness about the role of science, and scientific experiments as it promotes development of scientific thinking in students. Rather than making the kids memorise facts, they are made to think and understand things and the world around them. Science experiments promote discovery and learning. The students of class IV presented science exhibition on 'World Science Day'. To mark the significance of the day they highlighted the importance of role that science has in society.



The students spoke about that aim of World Science Day is to ensure that citizens are well informed of developments in science. It also underscores the role scientists play in broadening our understanding of the planet we call home and in making our societies more sustainable. The objective of this day is to strengthen public awareness on the role of science for developing peaceful and sustainable societies.

School head Shivali Sharma appreciated the efforts of Ryanites to create awareness about World Science Day and linking science more closely with society.

TIS plays host for Delhi Table Tennis State Games

Tagore International School, Vasant Vihar was host to the Delhi Table Tennis State Games, 2021 of the Special Bharat Olympics, on October 29, which gave an opportunity to bring together sportspersons and athletes with intellectual disabilities to train and compete in the game. The event opened a new innings for the school, whose association with Special Bharat Olympics goes back to 2016.

Organised under the stewardship of Uma Chopra (TGT Hindi) who heads Team Saksham, the school's social project that ad-

vocates inclusion, and Parveen Kumar, HOD Sports department, the opening ceremony as well as the table tennis events were held in the school's premises, which was witnessed by twenty-two teams from Delhi schools. N Saroj, dean of school, academics felicitated the athletes in the prize distribution ceremony.

What made the event special was that it bespoke of the school's commitment to inclusion and unity, and its effort to enable and empower individuals, with outstanding ability not intellectual disability, and ensure them equality, respect and dignity.

Vidya Niketan School organises funfair

Vidya Niketan School, Faridabad organised a funfair on its premises on October 30 with the theme of exemplifying Rajasthani culture and tradition. The little cherubs had great fun relishing different fun activities. During the event, parents were also engaged in it one way or the other.



The invitees were welcomed with 'Tilak' to give it a great opening. There were different activities to evolve a child's creativity, boost imagination and imbibe self-confidence like 'Doll up your mother', impres-

sion art with vegetables, clay modelling, and paper folding. Children got a real sense of happiness while doing all these activities.

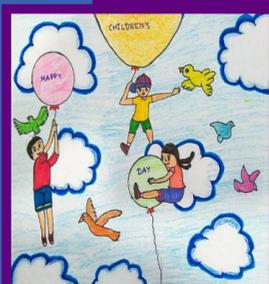
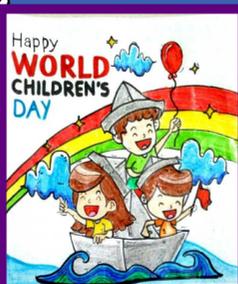
On the other corner, dance and song performances were further portraying Rajasthani culture. The main spotlight of the event was a puppet show which was successful in acquiring the attention of

the audience. The president of school management committee Indira Lohia and the principal Alok Varshney congratulated and appreciated the efforts put in by the teachers.

Student Corner



AARJAV JAIN, class II E, Rukmini Devi Public School Pitampura



YASHASWINI GUPTA, class V B, Rukmini Devi Public School Pitampura

DIKSHYA, class IX, Sherwood Convent School, Gurugram

Tribute to Mahavir Col Bikumulla Santosh Babu

Colonel Bikkumulla Santosh Babu motivates me to be brave, for our beloved India, the supreme sacrifice he boldly gave.

He stayed true to the spirit of 'Service before self', while embodying the emotion of patriotism itself.

To uphold the pride of our great nation, he fought with courage and determination.

His nobility and sacrifice will not be in vain, in India's heart, his inspiring memory shall always remain.

Fierce as a 'Snow Leopard' was he, Roaring and powerful against the enemy.

He was awarded the 'Mahavir

For Col Santosh Babu, all Indians were his kin, he has inspired in me, the unwavering spirit to win.



Abhigna and Anirudh, his dearest children, he shall now watch over them lovingly from heaven.

Chakra' posthumously, India remains indebted to him and his courageous family.

A true 'Gallant of Galwan' was he, his heroic valour was a sight to see.

For righteousness, he taught us to stand tall, And uphold the true meaning of 'All for one and one for all'.

Quick to answer the call of duty, An immortal hero he shall forever be.

Such brave hearts are made of the strongest metal, They deserve utmost glory and the highest medal.

Jai Hind, Jai Jawan! In gratitude, we bow to the brave heroes of Galwan!

VEDANTH KUMAR, class IV B, GD Goenka Public School, Dwarka

THE EDUCATIONIST

The pandemic made us future ready

In the rapidly changing chameleonic environment, it is pertinent to ask ourselves how well prepared we are. Are we future ready? Are the students future ready. According to Thomas Frey, a futurist: (<https://youtu.be/q2N7mwTixTM>) the job scenario will change rapidly by 2040. Technology has permeated in almost every sphere, and by 2040, we will be living in a world driven solely by technology. As educators, we need to run awareness programmes about Artificial Intelligence (AI), how it is taking over jobs which were considered leading professions not a decade ago. From bionics and other AI technology taking over security, weaponry, engineering and medical sectors, it is imperative that we guide students through this dynamic world. After all, who would have thought ten years ago that asteroid mining and cryptocurrency servers and



data would be the new gold? Some of the new terminologies we need to familiarise with are cloud scrawl, vulnerability disclosure, Disaster Recovery as Service (D Raas), Artificial Intelligence for IT Operation (AIO ps), edge computing, tiered storage among others, the

list is long and the time is short. The pandemic has made the world contactless. To avoid the repercussions of individuals living in isolation, we need to instill positivity and ways of keeping ourselves happy and occupied. With the reopening of schools, the onus is on us to maintain the emotional quotient of students as well as our own. The task ahead is immense and imperative for the growth of society, as a whole. When the pandemic struck, we rose to the situation and switched to online classes overnight. It is time for us to switch back to physical schooling to maintain the well-being of the student community and to not only look into their academics but to arm them with sound mental health to tackle the new and interesting phase we have entered.

Sunita Arora, principal, Delhi Public School, Howrah, West Bengal

Express YOURSELF

THE STIGMA OF BEING A WIDOW IN INDIA

When I was young, my parents used to take us to the village they came from every summer vacation. Over there, I used to notice how a small horde of 'dadis' would surround my father while he handed them wads of money. Back then, I never understood the reasons behind his act. However, now as a grown up, I can tell that these women were all widows. Clad in yellowish white saris, forced to work tirelessly in the fields and such an old age, I was saddened by the reality of widows in India.

It is estimated that at least 55 million widows are present in India, probably more. Then imagine how many ill fated women are subjected to the toils of poverty simply because of social stereotypes and ostracism?

It is well known that in India widows tend to face many negative social attitudes and stigma. They suffer abuse at



the hands of their family and are subject to patriarchal customs, religious laws and discrimination in inheritance rights. Many suffer abuse and exploitation at the hands of family members, often in the context of property disputes.

Many widows are also abandoned or forced to reside in ashrams and similar refuges, as testified by the well-known presence of widows in Benaras. Among the extremely destitute in India, widows are

disproportionately represented. Public policy has largely ignored the specific problems of widows in India. But given the numbers involved, this exclusion is likely to prove costly not just for the women concerned but for society in general. We need to sensitise people regarding the wrong stigmatisation of widows. They deserve as much respect as any woman does.

Instead of stigmatising that a woman failed to safeguard her husband's life, it is high time, India changes its stance on feminism and patriarchy. As I now think of the plight of those 'dadis', many deprived of the rights to seek love besides their first marriage or begging for food, I am compelled to stand up for all women's rights regardless of their marital status.

Madha Khan, IBDP Year 2, The Heritage School



MBAPPE FIRES FRANCE TO WC FINALS

Nets four goals in 8-0 thrashing of Kazakhstan

World champions France booked their place at next year's World Cup in Qatar in style as Kylian Mbappe fired in four goals in an 8-0 thrashing of Kazakhstan at the Parc des Princes. Karim Benzema scored twice and there were further goals for Adrien Rabiot and Antoine Griezmann whose penalty marked his 42nd goal for France, taking him ahead of Michel Platini. Only Thierry Henry (51) and Olivier Giroud (46) have scored more for France.

On the sixth anniversary of the 2015 attacks in Paris which claimed the lives of 130 people, France put on a spectacular show for their supporters. Mbappe set the ball rolling when he put

the world champions ahead after just six minutes. The Paris Saint-Germain star, playing on his home ground, added a second six minutes later and completed his first hat-trick for France with a thundering header just after the half-hour.

Leading 3-0 at the break, France turned up the heat even more in the second half as Benzema struck twice before Rabiot and Griezmann had their moments in the spotlight. It was fitting that Mbappe had the final say, stroking home his fourth to complete the rout three minutes from time.

FRANCE TOP GROUP D

France top Group D, leaving Finland and Ukraine to scrap over second place. The Finns have a two-

point advantage going into the final round of matches after seeing off Bosnia-Herzegovina 3-1. France and Belgium join Denmark and Germany as confirmed qualifiers from Europe with the other six automatic places to be settled over the course of the final match day. The Dutch are just two points ahead of Turkey, who put six past Gibraltar; and Norway who proved toothless without the injured Erling Braut Haaland as they were held to a 0-0 draw against Latvia in Oslo.

The Netherlands, who missed out on the 2018 World Cup, looked on course to join them as they led Montenegro 2-0 going into the last 10 minutes of their encounter in Podgorica. However, the Dutch conceded two goals in the last 10 minutes to draw 2-2. They still top Group G but are just two points ahead of Turkey and Norway. **AP**

BELGIUM BOOK PLACE WITH 3-1 WIN OVER ESTONIA

Belgium booked its place at next year's World Cup with a 3-1 win over Estonia in their qualifying group. With just one match left to play in Group E, top-ranked Belgium remained unbeaten and has an unassailable five-point lead over second-place Wales, which defeated Belarus 5-1 in Cardiff with Gareth Bale making his 100th appearance for Wales.

Despite the absence of several key players, including Romelu Lukaku, Belgian attacks kept coming at King Baudouin stadium and the Red Devils should have won by a bigger margin if not for their profligacy in front of goal. Christian Benteke,



Thorgan Hazard

who replaced Lukaku up front, put the hosts in front early and Yannick Carrasco made it 2-0 after the interval. Belgium briefly lost its focus in the last 20 minutes, allowing Estonia to come back in the match through a goal from substitute Erik Sorga before Thorgan Hazard restored a two-goal lead.

In Qatar, Belgium's golden generation of players will aim for the big title it craves so much following repeated failures in recent years. Led by the likes of Thibaut Courtois, Kevin De Bruyne, Eden Hazard and Lukaku, Belgium made it to the semifinals at the 2018 World Cup and was eliminated in the

quarterfinals by eventual winner Italy at the European Championship earlier this year. Roberto Martinez's players blew another chance to win a trophy last month when they lost to France in their Nations League semifinal.

Wales is guaranteed a World Cup playoff spot through its Nations League results. The 12-team playoffs will decide who joins the 10 European qualifying group winners at the tournament. The playoff draw will include runners-up in the 10 groups plus two group winners from the UEFA Nations League.

One more point will be enough for Wales in its final qualifier against Belgium on Tuesday to secure second place in the group and home advantage in their semifinal playoff. **AP**

A World Cup is a dream, an aim, it's everything and it's a unique chance to play in a team that can win it. We're going over there to win it.
KYLIAN MBAPPE

Photos: AFP

'Hope my journey inspires young girls'

Mithali Raj become first woman cricketer to win Khel Ratna



Photo: ANI

The first woman cricketer to be conferred with the prestigious Major Dhyani Chand Khel Ratna Award, Mithali Raj hoped her achievements would inspire the country's young girls to pursue their dreams and be the catalysts for change.

The 38-year-old stalwart of Indian women's cricket was one of the 12 sportspersons to receive the Khel Ratna, the country's highest sporting honour, from President Ram Nath Kovind at the Rashtrapati Bhavan. The President also presented Arjuna Awards to 35 sportspersons on the occasion.

"Women in sport are powerful catalysts of change and when they get the appreciation they deserve, it inspires change in several other women wanting to achieve their dreams," Raj said in a statement on her Twitter handle. "I sincerely hope that my journey inspires young girls all across the country to pursue their dreams and know that only when you dream can you make it happen."

She said representing the country was

DOUBLE DELIGHT FOR CHOPRA

It was a double delight for Olympic gold medalist javelin thrower Neeraj Chopra as he received the Khel Ratna. What made the day extra special for Chopra was that he received the award in the presence of his grandfather.

"An honour to be presented the Major Dhyani Chand Khel Ratna by Hon'ble President Shri Ram Nath Kovind at the Rashtrapati Bhavan with my Dadaji (grandfather) in attendance," Chopra tweeted later in the day.

Chopra became the first Indian athlete to win an Olympic gold medal in 70 years when he won the men's javelin throw competition at the Tokyo Olympic Games in August this year. **IANS**

her dream and receiving the award was a validation of the hard work she had put in over her two decade long illustrious career starting from 1999.

"When I was growing up and learning to play this amazing game, representing my country was my dream. I always wanted to wear the blue jersey, which represents the absolute pride we feel for our nation. One strives for mastery but there are so many variables and infinite parameters that when success comes by, it often is a result of hours of grind every day," wrote Raj who has played in 12 Tests, 220 ODIs and 89 T20Is.

"This award is a validation of those hours, of all the sacrifices a player makes her entire life. I just wanted to give cricket everything I had and I think I am happy that I've pushed myself harder and harder to get to this momentous day."

The Test captain said that any recognition from the government was special and a reminder that the game was an important constituent of national pride.

"We must continue to give it our best," said Raj. **PTI**

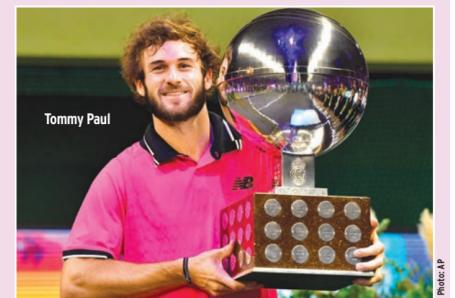
PAUL WINS FIRST ATP TITLE IN STOCKHOLM

Tommy Paul won the first ATP Tour title of his career, beating Denis Shapovalov 6-4, 2-6, 6-4 to capture the Stockholm Open on Saturday.

The American player concluded the week of his life as a professional during which he beat Andy Murray and compatriots Taylor Fritz and Frances Tiafoe, by closing into the net on the back

of a big first serve and hitting a winner on his third championship point.

Paul, wearing his cap back to front, only won two of his 12 break points against the defending champion, the big one coming at 4-4 in the third set when, at 0-40, he stretched to send a backhand down the line that Shapovalov of Canada couldn't return at the net. **AP**



Tommy Paul

Photo: AP

QUIZ TIME!

Q1: Thomas Cup and Uber Cup are prestigious trophies in which sport?

- Badminton
- Lawn Tennis
- Table Tennis
- Golf

Q2: "Queen's berry rules" is the name given to the rules in which sport?

- Polo
- Tennis
- Hockey
- Boxing

Q3: Which Indian swimmer holds the record for shortest time in 50m freestyle in 2018 Asian Games?

- Virdhawal Khade
- Sajan Prakash
- Srihari Natraj
- Sandeep Sejwal

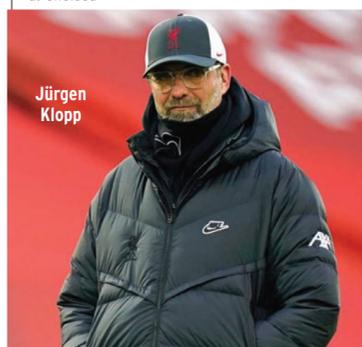
Q4: Which player has scored highest number of sixes in his career in ODIs?

- Sachin Tendulkar
- Shahid Afridi
- Chris Gayle
- Sanath Jayasurya

Q5: Jürgen Klopp's Liverpool were prevented from going

a club-record 26th match unbeaten in Premier League by which side?

- West Ham
- Manchester United
- Manchester City
- Chelsea



Jürgen Klopp

Photo: AFP

Q6: Which of the following terms are used to describe parts of a cricket bat?

- Shoulders and Toe
- Leg and Hand
- Eye and Toe
- Neck and Shoulders

Q7: Which of these clubs is top of their domestic league, top of their Champions League group, and yet to lose a match this season?

- Liverpool
- Bayern Munich
- RB Salzburg
- Real Sociedad

Q8: Which player has set up more goals in the Premier

League than anyone else?

- Ryan Giggs
- Frank Lampard
- James Milner
- Cesc Fàbregas

Q9: Which of the following teams was not a part of the Big Four of the 2000 decade?

- Arsenal
- Liverpool
- Everton
- Chelsea

ANSWERS: 1. a. Badminton 2. d. Boxing
3. a. Virdhawal Khade 4. b. Shahid Afridi
5. a. West Ham 6. a. Shoulders and Toe
7. c. RB Salzburg 8. a. Ryan Giggs
9. c. Everton