Education 4.0

Teaching is a noble profession because it cares and creates human bonds. It’s not merely about pursuing a career; it demands a heart full of patience and understanding. Teaching is a passion that keeps teachers young and enthusiastic learners. It reminds us youthful of the sense of responsibility and makes the profession fulfilling due to the joy a student’s success brings to the teacher. Teachers are nation builders who provide support to the new generation for mental, physical, emotional, and academic growth.

Throughout history, teachers have prepared doctors, engineers, lawyers, etc. They have played a significant role in the guidance of the next generation. Teachers are nation builders who provide support to the new generation for mental, physical, emotional, and academic growth. Teachers also instill an essential sense of decorum and order in children, making learning feasible. According to the Scriptures, the teacher is positioned after the parents, followed by God. The role of a teacher can shift at times. A teacher varies at times referred to as a facilitator, mentor, faculty member, or master. The teacher’s role is not only teaching but also mentoring and counseling. The teacher’s role involves not only teaching but also mentoring and counseling. All other professions are possible through the guidance of teachers, as they prepare doctors, engineers, lawyers, and entrepreneurs.

Teachers are the fundamental foundation of the nation; they nurture the minds and skills of the next generation. Throughout history, teachers have been regarded as the source of information and knowledge. But a lot has been changed as well. The revolution was initiated by computers and now, artificial intelligence; this has led to each day becoming a new learning experience and the accessibility of knowledge from various sources. The child needs to be trained with a forward-looking and growth-oriented mindset.

In this new era, every teacher should have the 21st century skills to teach highly informed and aware students. The world has become automated because of Industrial Revolution 4.0. The education system must be modified to keep pace with this revolution. Educators and students will utilise AI in education to leverage the power of innovation for the advancement of mankind.

As renowned US educational reformer John Dewey had said, “If we educate today’s students as if they were living yesterday, we would steal their tomorrows.” Effective teachers possess high moral principles, openness, and willingness to learn. A teacher should be fair and treat everyone equally; he/she should create a positive classroom environment and earn students’ trust. A noble teacher is one who is open-minded, fair, morally upright, and broad-minded. Such a person exhibits many liberal qualities. Such an individual demonstrates numerous inclusive qualities. Since they prioritize inclusivity, factors like religion, caste, and race pose no barriers. What does the future hold for teachers in this rapidly expanding world where Industry 4.0 is evolving and artificial intelligence is playing a significant role? How can teachers keep up with technologically advanced students? Does a teacher have the necessary skills to teach the students in this new generation?

I reflect on my own journey, which encompassed more than 25 years. When I began teaching in 1996, I used to concentrate solely on my subject and my classes. I mean, most of my colleagues used to operate in silos. After a few years, things started to change, and schools started putting more emphasis on teacher training programs. I had the good fortune of learning about the IB and IGCSE methodologies and incorporating experiential learning into my methods. Eventually, the ideas of fundamental literacy and numeracy (FLN), emerging approaches, and approaches to learning (ATL) were taught, and along with my colleagues, I evolved into a teacher who had received 21st century training.

Every day is a new learning day as the journey continues. If we learn from the students without any ego, the journey becomes even more enjoyable. The students are never hesitant to voice their issues to me, and I am never afraid to voice mine. We use technology to enhance learning and apply the math we learn in class today. Whatever new advancements occur in the field of study, we learn about it and discuss them in classes.

There is no threat to the teachers’ future and there never will be. There was a strong out cry about the potential dangers of teaching when calculators were integrated into the educational system, concerns arose that teachers’ jobs were at risk. However, it developed into a strong...
Debojyoti Ghosh

Fine China

Around the World in 80 Words

A bomb blast at a political rally in northwest Pakistan killed 44. Typhoon Doksuri hit Beijing, causing thousands to flee their homes. New Delhi recorded the wettest July day in decades. 41 people died in North India due to heavy rain and flash floods, as the Yamuna surpassed height records. Henry Searle won the first boys' singles Wimbledon for Britain in over 60 years. Euphoria star Angus Cloud, aged 25, was found dead in his family home in California.

"Success is stumbling from failure to failure with no loss of enthusiasm."

— Winston Churchill
tool and improved the teacher’s abilities. Later, when computers were incorporated into the educational system, it was believed that teachers’ jobs were in danger. However, the computer grew closer to the students and assisted them in quickly and easily grasping the concepts. The perceived risks tied to ChatGPT are being loudly discussed in the current environment, despite the fact that it is a potent tool that has made the lives of teachers and students much easier. The majority of the time, it is now employed qualitatively to improve skills. The jobs of teachers cannot be in danger because machines cannot teach ethics, interpersonal skills, or social skills. AI will not be able to solve the world’s problems; only good human beings will be able to do that. According to our former president, Dr APJ Abdul Kalam, the purpose of education is to create better humans with knowledge and expertise. Teachers can create enlightened individuals.

Each of us in this new era is facing economic, social, and environmental challenges because of technological development and increasing globalization. Although our lives have improved, we still worry about whether we are preparing our students for the jobs of the future. What types of jobs will they have in ten to fifteen years? The imbalance has already started because some of our students are changing careers after receiving their degrees in a particular discipline. Future jobs will be diverse due to advances in biotechnology and artificial intelligence. To address growing complexity, unpredictability, and fragility, we must rethink, redefine, and reimagine new education. To accomplish this, we must give our teachers new skills, and more exposure to professional development programs. Students must cultivate curiosity, imagination, resilience, and self-control to be prepared for the uncertain world that lies ahead of them. They must also respect and value the opinions and viewpoints of others to do so. Finally, they must learn how to deal with rejection and failure to persevere despite difficulties. At the end of the day, a student’s journey to success is incomplete without the love and guidance provided by the teacher.

A Dramatic Evening

Naseeruddin Shah, an accomplished actor with many roles and famous films under his belt, has always been someone I have held in high regard. When I heard he was coming to School to perform for us, I was understandably both surprised and joyous about the news. The specific performance was titled Einstein, a story directed by Mr Shah himself. A clever mix of wit and seriousness, the play flawlessly portrayed contrasting emotions of the scientist, which has undoubtedly left a lasting impression on the audience. What impressed me the most was the fact that Mr Shah acted for a complete 75 minutes, while holding the audience in thrall for such a long period, and that too in a solo act. The set was masterfully placed, with many details that noticeably had a lot of effort put into them. Although the play was not very based on actions, the thought behind it was conveyed beautifully by the many dialogues that were both informative and easy to understand. Not only was Naseeruddin Shah the sole actor, but he was also the director and one of the writers of the script. The performance was also placed at a great time when the release of Oppehimeir was already creating a buzz among the Boys and Masters. With Oppehimeir building the background for the scene, people were able to understand the play’s message much better, how Einstein felt about his research being used for weaponry and the atomic bomb. This message was delivered by portraying Einstein’s anti-war views, with Mr Shah as Einstein calling it lunacy to create instruments of murder and destruction from Einstein’s research which was entirely meant for the good of the planet and the human race, to aid, not annihilate.

Though the message behind the play might have been heavy and grave, the message was delivered in a light and witty way: Einstein was sprinkled with jokes here and there to lighten the mood and keep the audience engaged. Mr. Shah’s seamless transition from his character’s comedic transition to his more solemn tones, exemplified, for instance, when he recited President Truman’s declaration of the atomic bomb’s invention, underscored his profound mastery of the craft of acting. This ability allows him to deliver a performance that is both entertaining and thought-provoking. The performance wasn’t all philosophical either, Mr Shah explored a variety of topics on the stage, creating an eye-opening experience for all spectating. He addressed themes of love and loyalty, illustrating how these concepts intertwined with Einstein’s life. He discussed the second world war and its impact on him and fellow scientists, highlighting how some prioritized their country over global concerns. He conveyed his profound discontent with how some of these scientists who, in times of war, chose their country first, tried to go back to the science of peace after, as if trying to wash the blood of the innocent off their hands. The profound message and engaging interaction will stay with me for a long time, along with the memory of the play itself; a true show to remember.
शुरू हुई। इस कदम ने रुपये को एक तनजचिि तवतनमय दर प्र्ाली से 
और वैश्ीकरर् उपायो ं स कहि एक ऐतिहाधसक आर्थिक सुिार प्करिया 
में, भुगिान स ंिुलन के े  एक और गंभीर स ं कि के े  कारर् उदारीकरर् 
करना पड़ा। 1966 िक रुपया ब्रिकिश पाउ ं ड के े  बराबर आंका गया थिा,
रूप में मानकीक ृि ककया जजसे हम आज जानिे हैं। 1947 में स्वि ंत्िा 
के  रुपयों का प्योग ककया, जो मुद्ा की समृद्ध तवरासि को दशा्तिा है। 
जािा थिा। मध्ययुगीन युग के े  दौरान, मुग़ल साम्ाज्य ने तवश्भन्न प्कार 
का इतिहास प्ाचीन काल से है जब इसे पहली बार चांदी, सोने एवं िांबे 
यह तनब ंि भारिीय रुपये की ऐतिहाधसक पृष्ठभूमम, वि्तमान स्थिति और 
मुद्ाओं में से एक के े  रूप में, इसकी यात्ा में कई उिार-चढ़ाव देखे गए हैं। 
भारिीय रुपया (INR), भारि की आधिकाररक मुद्ा, देश के े  आर्थिक 
का पिा लगाने और एक उज्ज्वल भतवष्य की कल्पना करने के े  ललए 
की नीरसिा से मुक्ति प्दान करिी है। वे हमें सपने देखने, अज्ाि क्ेत्ों 
शक्ति के  माध्यम से बनाई गई काल्पतनक द ुतनया, रोज़मरा्त की जज़ंदगी 
वास्तवकिा की सीमाओ ं को पार करने में सक्म होिे हैं। शब्ों की 
करिी हैं। उपन्ास, कतविाएँ और नािक साव्तभौममक तवर्षयों का पिा 
की क्मिा रखिे हैं। एक ओर वे लोगो ं को सशति और एकजु ि कर 
सु ं दरिा व महत्त्व के े  बारे में ।
माध्यम से साकहत्य ह में दुतनया के  हर एक कोने में ले जािा है और 
जगाने और मानवीय प् ेरर्ा के  रचनात्क स्ोि से उत्पन्न होने वाली 
को हम शब् कहिे हैं, उनमें, हमारी आत्ा को कहलाने वाले जुनून को 
भार्षा और साकह त्य हमारी कल्पना को ऊजा्त  देिे हैं, जजससे हम 
अद् ुि क्मिा के  साथि, शब् हमारी भावनाओ ं को उत् ेजजि करने 
गए कररश्ाई और सम्ोहक शब्ो ं से, समुदायों में उत्ाह पैदा हुआ 
रुपये की स्थिति: अिीि, वि्तमान और भतवष्य की
Vatsal Goel recounts his experience of the Manali to Leh cycling expedition.

Embarking on a cycling expedition from Manali to Leh was not only a thrilling adventure but also a transformative journey that helped me discover my capabilities, and my limits. Every cycling enthusiast dreams of completing this journey at least once in their lifetime, and I was fortunate enough to have been able to do so with my friends and teachers. We set off from Dehradun on the 21st of May and took an overnight bus, reaching Manali the next morning. After acclimatising, we set off for Leh on the 23rd of May. With a mix of excitement and nervousness, I stood among my fellow cyclists in the beautiful town of Manali. We stood by our cycles ready and waiting for STK Ma’am to give us the green flag. At that point everything seemed so fascinating as I had never imagined that I would be cycling at such high altitudes and through such spectacular landscapes.

Then next two days we spent cycling through and staying the nights at, the beautiful villages of Sissu and Jispa, which we accessed by passing through the famous Atal tunnel. On these two days, the altitude gain wasn’t much but we covered a lot of distance. The roads were challenging, but the scenic beauty of the Himalayas kept us motivated. One of the most challenging parts of the expedition was crossing some of the highest mountain passes in the world. We crossed five passes in total, including Nakeela, Baralacha La, Lachung La, Tanglang La, and the Khardung La. Each pass had its own unique beauty and challenges, and every pass was at a higher altitude than the last one. The passes were very windy with very low oxygen levels which made it dangerous to stay there longer than a few minutes. Water, chocolates and the encouragement received from my friends and teachers were the only things that kept me going during the entire expedition.

Despite the challenges, I was able to push through and enjoy the experience. We cycled through some of the most scenic and beautiful landscapes in the world, including the Gata Loops and More Plains. I also had the opportunity to see some of the most beautiful lakes in the world, including Deepak Taal and Suraj Taal. Every time I look back at the memories of the expedition, I am stuck thinking which specific place had the best view, but fail every time as each and every landscape I saw was picture-perfect.

Patseo, Sarchu, Whisky nalla, Debring, Rumtse, we cycled to and camped in all these places which were as unique as they sound. We finally reached Leh on May 30. Leh is a beautiful town, surrounded by snow-capped mountains and breathtaking backdrops. We spent two days in Leh, visiting places like the Leh Palace, Thiksey monastery, Rancho School, and the Sangam of rivers Indus and Zanskar. We also strolled about the local markets, sampled the local food and bought souvenirs to take back home.

At the end of the expedition, we were all filled with a sense of accomplishment and satisfaction. We returned home safely on June 2, with indelible memories that will last us a lifetime. This expedition also helped me create a special bond with the Masters which I will always cherish. For those 12 days, we all were just fellow cyclists who kept on pedalling towards a common goal.

This journey was a true test of my physical and mental strength, but the beauty of the Himalayas and the sense of accomplishment I felt at the end of it all made it all worth it. The Manali to Leh cycling expedition is not just a journey; it’s a lifetime experience that will change your life forever.

I was influenced to take part in this by my Seniors who were equally fortunate to experience this and I hope that this tradition never comes to an end and that many more Doscos get to experience what I did.
The Week
Gone By

Abhay Jain

As the first week of remedial classes commence, the ambience on the Campus has been shrouded in a rather dreary atmosphere. Relentless rains and the burden of academic expectations have weighed down on the students, especially the Scs, who can be seen trudging in and out of their studies only for meals and academics after having received the “talk” from the Headmaster not long after returning to School.

Adding to the challenges are the recent health concerns, as the infamous pink eye has finally started to spread, restricting the pool for much of the School community. One would be lucky to spot a wild Sc Former roaming about while IB and ISC books litter their studies as they prepare for their much-feared Mid-year Trials with worries about predicted scores weighing down upon them. Now, even our late-night hunger pangs can no longer be satisfied, with our Big Brother overcompensating through fancy new cutlery.

Despite the challenges, the groundwork for some upcoming events has been initiated with great vigour. The preparations for the YEC and DSMUN are charging ahead full throttle, with students burning their midnight oil to ensure a grand revival for the two events, as they return to the offline mode after a long hiatus.

This week also saw the School host Alpha, an Inter-School Science Competition, which took place with great enthusiasm and participation from students across all batches. The competition was a great success.

Undaunted by the rain, all Houses are putting in their level best despite rumours floating about that the Eagles are gearing up for what they might consider eternal glory. Either way, as the rain makes for some splendid slide tackles, let us hope that all players make it off the pitch in one piece.

As for the Doscos hoping to capitalise on that ‘greatest academic comeback’ mentioned last week, I hope your spirits have not been dampened by reality and assignments. As always, stay hard!

Crossword | Album Covers

Across
1. The album cover for The Velvet Underground & Nico is recognisable for featuring a Warhol print of a banana
4. The mascot for the English heavy metal band Iron Maiden, who appears on all of their album covers.
6. This album cover features the burning Hindenburg airship.
8. This rock band’s album 1984 portrays Cupid resting with a cigarette in one hand.
10. This Black Sabbath album cover features a blurred man with a helmet rushing at you with a sword in one hand.

Down
2. The band, Nirvana’s iconic 1991 album Nevermind was in recent controversy due to its cover.
3. This cover features four men strolling on a crosswalk on an empty road in London.
5. Master of Puppets by Metallica features two hands holding puppet strings attached to a field of gravestones.
7. Virgil Abloh stated this memorable Kanye West cover was meant to symbolise the death of the CD.
9. The Pink Floyd album The Dark Side of the Moon contains a moon on its cover, a metaphor for personal and psychological darkness.

Answers to this week’s crossword Source: https://worksheets.theteacherscorner.net/make-your-own/wordsearch/#top

Saturday, August 5 | Issue No. 2679