

Established in 1936

The Doon School WEEKLY

"I sketch your world exactly as it goes." -Arthur Foot

March 18, 2023 | Issue No. 2668



गणित हम में है और हम गणित में
हमारे दैनिक जीवन में गणित के महत्त्व पर

एक लेख।

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WEEK GONE BY

An amusing account of the events
that have taken place this week.

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CROSSWORD

Can you solve this week's
crossword on the Oscars?

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Productive Ventures

Harshil Makin and Rafay Habibullah *comment on the low participation in activities and how it impacts Juniors.*

"It's good to see how the Activities in School are developing thanks to the sheer spirit of both boys and Masters," Arthur Foot had commented in his address to the crowd during the first celebration of Founder's Day at the School. Ninety years later, as we sit down to write this piece, the Pandemic has become the primary reason Arthur Foot's vision is under threat.

A great emphasis has been laid upon the fundamental development of a child using co-curricular Activities, Academics, and Sports, however, while our School was able to revive the quality of Sports and Academics after the Pandemic, the same, sadly, cannot be said for Activities.

The early years in the life of a Dosco, the D and C Forms, are the most crucial to actually start taking part in Activities and co-curriculars, as usually by the time a Dosco reaches B Form, he has already decided which path to tread on. When the current B Form arrived at School, they had spent these crucial, formative years at home without giving much thought to these co-curricular activities. They had gotten used to the same mundane attitude of studying for six hours a day and spending the remainder relaxing. This habit carried on even when they arrived at School, causing them to give precedence to unfruitful use of their time over Activities. By the time their C Form had come

to its end, the School had just reopened, causing the atmosphere surrounding this crucial aspect to be rather dreary. Hence, few attended the Activity meetings.

Most were now used to not taking part in Activities, making it hard for them to adjust to a large number of activities suddenly available to them. While they were enthusiastic about taking part in the co-curriculars, they weren't habituated in doing so, leading to most of them just being in a specific STA or SUPW on paper but in reality, barely attending any meetings in School. This caused a 'snowball effect' where fewer people took part in specific activities, some having just a handful of active members. Even the major activities were hit hard by this, with some going from over 20 Juniors to around half a dozen when the current B Formers joined. By this time most of the Senior members realised that Juniors did not participate in Activities they had enrolled for. Earlier, when a Junior signed up for an activity, it usually meant that they had a genuine interest and wanted to participate in it, but that wasn't the case anymore.

While B Form was affected the worst, it wasn't as if the other forms were left untouched, they each had to bear the brunt of the Pandemic and the troubles it brought with it. The current C Formers had also been hit nearly as hard, missing most of their D

Form. If that wasn't enough, one year of the lockdown for them was not in Doon, but in another school, which may not have offered online activities of quality. Hence, their experience with activities online was extremely limited over the past two years.

As people who have lost this time, we realise that activities are imperative, but while it is the thought that counts, implementation matters much more. Activities can be revived to a large extent through meetings. We need to set a precedent for the Junior forms that Activities matter as much as Sports and Academics, and Juniors must be urged to regularly attend Activity meetings. With the new batch joining in a month, they are really entering the School for its ethos. We need to push for activities from here on as it is an integral part of that very ethos.

The exposure that the Juniors lost due to the Pandemic is invaluable and due to this loss of exposure, Activities fail to thrive and fulfil their potential. This causes the School to fail in its basic function, which is to provide holistic development to its students. Once an aspect goes missing, the others fall apart and remain incomplete. Participation in Activities is not as trivial as most Juniors feel, it is something that's being left out, as it plays an indispensable role in the making of a complete Dosco.

This Week in History

1781 CE: Uranus, the seventh planet from the sun was discovered by English astronomer William Herschel.

1881 CE: Tsar Alexander II of Russia was assassinated in St. Petersburg.

1938 CE: The *Anschluss*, a political union between Austria and Germany, was announced.

1951 CE: United Nations forces recaptured Seoul during the Korean War.

1958 CE: The first solar-powered satellite, Vanguard 1, was launched from Cape Canaveral, Florida.

2003 CE: U.S. President George W. Bush ordered air strikes on Baghdad, thus launching the Iraq War to oust dictator Saddam Hussein

UNQUOTABLE QUOTES

Today I meditated the chicken.

Ikjot Singh, master chef.

All people absent raise your hands.

APG, absent minded.

I am a staunch LGBTQ agaisnter.

Vinamra Agarwal, against English.

I'll do better for himself.

Krishiv Jaiswal, social work.

What colour is your blazer?

Harsh Begani, average Andrew Tate supporter.

“

The cure for a fallacious argument is a better argument, not the suppression of ideas.

—
Carl Sagan

THE WHO?

Who is Michael Irvin?

Kai Kubo: A songwriter

PMV: A basketball player

Zubin Mehra: A painter

Suryansh Sood: An explorer

Michael Jerome Irvin is an American sports commentator and former professional football wide receiver for the **Dallas Cowboys** of the **National Football League**. In 2007, he was inducted into the **Pro Football Hall of Fame**. Nicknamed “**The Playmaker**” due to his penchant for making big plays in big games during his college and pro careers. He was one of three key offensive players for his team.

LISTENER'S CHECKLIST

What members of the School community have been listening to this week:

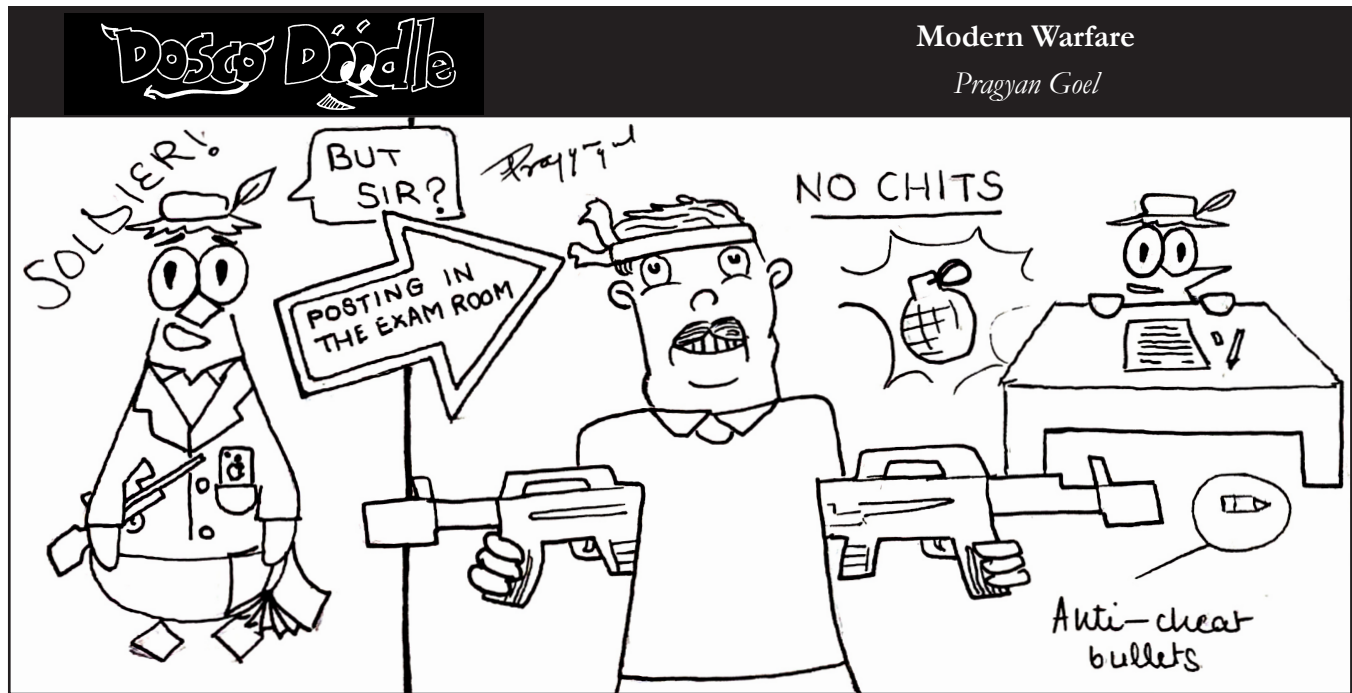
Dhruv Gupta: *Calm Down* by Rema

Soumik Agrawalla: *Vienna* by Billy Joel

Jaiveer Grewal: *G.O.A.T.* by Diljeet Dosanjh

Around the World in 80 Words

Sweden faced a recession as housing market troubles took a devastating toll on its economy. A Cheetah helicopter belonging to the Indian Air Force crashed in Arunachal Pradesh, resulting in two fatalities. Credit Suisse threw a 54 billion dollar lifeline in an attempt to ward off the global banking crisis. The movie RRR created history by winning the Best Original Song award for *Naatu Naatu* at the 95th Academy Awards. Manchester City defeated RB Leipzig 7-0 in the UCL RO16.



गणित हम में है और हम गणित में

श्री चन्दन सिंह पुष्पियाल

गणित एक अमूर्त विषय नहीं अपितु हमारी जिंदगी का एक महत्वपूर्ण पहलू है, जो कि हमेशा हमसे जुड़ा रहा है। हम जैसे ऑक्सीजन के बिना जीवित नहीं रह सकते उसी प्रकार गणित भी हम में है और हम गणित में हैं। हमारा निर्माण एक सेल से होता है, हमारे शरीर में हर अंग गिनती में ही होते हैं। हृदय की धड़कन, नज़र की पावर, रक्तचाप सबका आकलन नंबरों से ही होता है। नम्बर हमारे साथ हमेशा रहते हैं, सोने का, उठने का, खाने का, खेलने का निर्धारण भी तो नंबरों से ही होता है। भगवान् ने भी हमारे शरीर का निर्माण गणित के अनुपात और समानुपात के आधार पर किया है। हम अपनी बोलचाल में शायद ही, गणित के अंकों का समन्वय बिठाये बोल पाएँ। हमारी बोलचाल की भाषा में अंक बहुत महत्वपूर्ण भूमिका निभाते करते हैं। एक घूंट पानी पी लें, दो मिनट आराम कर लें, चार कदम और चल लें, आदि। अपनी बातचीत को प्रभावी बनाने के लिए हम हिंदी के मुहावरों में गणित का प्रयोग करते हैं, जैसे एक अनार सौ बीमार, सौ सुनार की एक लुहार की, नौ दो ग्यारह होना, सातवें आसमान पर होना, आँखें चार होना, आदि।

हम अपनी बोलचाल में शायद ही गणित के अंकों के प्रयोग के बिना आपसी समन्वय बिठा पाएँ। हमारी बोलचाल की भाषा में अंक बहुत महत्वपूर्ण रोले प्ले करते हैं।

घर से निकलते ही ओला बुकिंग हो, ऑटो या कार की बुकिंग हो, हम किराया देख कर करते हैं, सहायत्रियों की संख्या के आधार पर छोटे या बड़े वाहन की व्यवस्था करना, वाहन की चाल, दूरी और समय, यात्रा का आय - व्यय, आदि यह सब ही तो गणित है। जिस प्रकार हम अपने आप चलना सीख जाते हैं, इशारों या संकेतों से अपनी बात को प्रेषित कर पाते हैं, उसी प्रकार गणित को हम अपने आप सीख जाते हैं। शैश वावस्था से ही हम खिलौनों, कंचे, कंकड़ (पबब्लस) से खेलते हुये गणित को देखते और समझते हैं। गणित क्योंकि हमारे चारों ओर विद्यमान है, माँ बाप और शिक्षकों द्वारा एक विशेष नाम के साथ हम अपने अंदर विद्यमान गणित को फिर एक्सप्रेस करते हैं।

पूरे राष्ट्र की न्युमेरसी बहुत ही चिंताजनक है। एन सी ई आर टी द्वारा कराये गए सर्वेक्षण में कक्षा ८ तक तो हालत बहुत ही ख़राब है। कक्षा ३ में आंकिक दर ५७ प्रतिशत है तो उत्तराखंड में केवल ५१ %। कक्षा ५ में देश में ४४ % तो उत्तराखंड में केवल ३९ % है वहीं कक्षा ८ में देश में ३६ % है तो न्युमेरसी उत्तराखंड में केवल ३५% है। हमें इस पर काम करने की बहुत जरूरत है। गणित को आत्मशात कर ही यह स्तर बढ़ा जा सकता है।

देवभूमि के नाम से विश्व प्रसिद्ध हमारे राज्य का कुल क्षेत्रफल ५३४८३ वर्ग मीटर है। इसकी जनसंख्या एक करोड़ ८६ हजार २०० है, कुल साक्षरता प्रतिशत राज्य का ७९ प्रतिशत है। विश्व प्रसिद्ध शिक्षण संस्थान इस राज्य में स्थापित हैं। देश के शीर्ष स्तर के कवि, लेखक, ब्यूरोक्रेट और राजनेता यहाँ जन्मे हैं। देश - विदेश के पर्यटक भी यहाँ आते ही हैं और तो और बड़े - बड़े लेखक और कवि भी इस देवभूमि में आकर रचनाएँ करते हैं। इन सबके बाबजूद इस राज्य के शिक्षा स्तर में आई गिरावट चिंता का विषय है। शिक्षाविद और शिक्षा अधिकारी गहन चिंतन

मनन कर ही रहे हैं। डाइट्स और SCERT में युद्ध स्तर पर काम हो रहा है, लेकिन हर शिक्षक को भी अपने स्तर पर पहल करने की नितांत आवश्यकता है।

उत्तराखंड राज्य में उत्तराखंड के नुमेरसी (आंकिक) दर को बढ़ाने के लिए हम सभी गणित शिक्षकों को अपने स्तर पर ठोस कार्य करने की नितांत आवश्यकता है। यदि हम अपने बच्चों को विशेषकर कक्षा ८ तक, गणित को एक विषय की तरह न पढ़ाकर, एक एक्टिविटी की तरह पढ़ाएंगे तो बच्चा गणित बेहतर सीखेगा। जैसे कि बच्चे फुटबॉल, कबड्डी, हॉकी, क्रिकेट, आदि को बड़े मनोयोग से खेलते हैं, यदि गणित को भी ऐसे ही करेंगे तो गणित में उनकी रुचि बढ़ेगी, फिर वह बड़ी कक्षाओं में भी गणित को रुचि के साथ पढ़ेगा।

गणित अपने आप में एक भाषा है, यह तो वैश्विक भाषा है, जो कि हमारे आस पास ही नहीं बल्कि हममे स्वतः विद्यमान है। आइंस्टीन जैसे महान वैज्ञानिक ने कहा था “ब्रह्माण्ड को गणितीय भाषा में लिखा गया है।” पूरा ब्रह्माण्ड गणित के आकारों, प्रतिकारों, सिद्धांतों, प्रमेयों, प्रयोगों, अनुप्रयोगों से भरपूर है। सुबह की बेड टी में चाय चीनी और दूध का सटीक सम्मिश्रण, नाश्ते में खाये जाने वाले पराठे बृत्ताकार और ब्रेड चौकोर, हमें गणित का हमारी रोजमर्रा की जिंदगी में होने का आभास दिलाती है। सब्जियाँ और फल भी तो गणित को अपने में या गणित में ये सभी समाये हैं। टमाटर, अमरुद जहाँ इलिप्स के समीकरण के साथ हमें आकर्षित करते हैं, तो गाजर, मूली आदि शंकु का आयतन लिए तने रहते हैं।

गणित अपने आप में एक भाषा है, यह तो वैश्विक भाषा है, जो कि हमारे आस पास ही नहीं बल्कि हममे स्वतः विद्यमान है। आइंस्टीन जैसे महान वैज्ञानिक ने कहा था “ब्रह्माण्ड को गणितीय भाषा में लिखा गया है।

गणित फोबिया कहने वालों को चिड़ियों के घोंसलों को देखकर सोचना चाहिए कि यह बेजुबान प्राणी किस तरह से घोंसले बनाती है? एक कुशल आर्किटेक्ट से भी बेहतर घोंसले बनाने वाली चिड़िया से हम सीख लेकर गणितीय सोच विकसित कर सकते हैं। दिन रात मेहनत करने वाली मधुमक्खी के षट्कोणीय छत्ते का रहस्य जानकार गणित फोबिया कहने वाले भी यही सोचेंगे कि यदि मधुमक्खी गणितज्ञ हो सकती है तो हम क्यों नहीं?

गणित को हम तारणहार कहें, या सहायक, लेकिन यह हम में है और हम गणित में हैं। महान गणितज्ञों ने गणित को देखा, महसूस किया, समझा और अभिव्यक्त किया। महान गणितज्ञ श्री रामानुजन के जन्मदिन २२ दिसम्बर को प्रतिवर्ष हम राष्ट्रीय गणित दिवस के रूप में मनाते हैं। जिस तरह रामानुजन नंबरों के प्रति काफी आकर्षित थे, हम सभी भी नंबरों के खेल खेलें, अपने पसंदीदा नंबरों से मैजिक स्क्वायर बनायें, मानसिक गणना को प्रोत्साहित करें, यही श्री रामानुजन के प्रति सच्ची श्रद्धांजलि होगी।

The Week Gone By

Tarun Doss

Another week, another pristine *Weekly* issue with absolutely no errors whatsoever. No Manchester United winning 7-0 over Liverpool – nothing of the sort. A new week, a new issue. A clean slate, a new beginning.

With that out of the way, let us mull over this past week. An unforgiving gloom fell over our beloved Chandbagh as DoscOs found themselves stuck desperately scrambling in the midst of Promotional Trials, regretting their previous

lackadaisical attitude.

Yet, it seems the weather has been quite sombre and overcast lately, reflecting the feelings of the Dosco community. And, while teary-eyed Sc Leavers take in their last glimpses of School with heavy hearts, as long lines of young, equally sad DoscOs follow closely behind to bid their final goodbyes, the sky only seems to have gotten a whole lot greyer.

While these stressful times proved crucial for most Seniors, many of whom were not spotted outside their *Toyes* and Studies for days on end (including for some meals at the CDH), Juniors grasped all this ‘free’ time to bring the sports fields back to life, as the futsal and basketball courts erupted to life. Speaking of basketball, the House of

Eagles have found themselves in the midst of their own little ‘basketball’ game as certain nocturnal activities were brought to light with some individuals posting up absurd ‘stat lines’ night in and night out. Yet, what truly matters in the end is your ability to perform under pressure, as there remains only one true winner.

With this week coming to a close, and as the light at the end of this gloomy tunnel nears, I’d like to use this opportunity to remind all my dear readers: Yes, Trials are almost over, let the trumpets sound, but do not slip up in these last few crucial battles. Persevere, work hard, and then enjoy your well-deserved Midterms to the fullest. All the best!

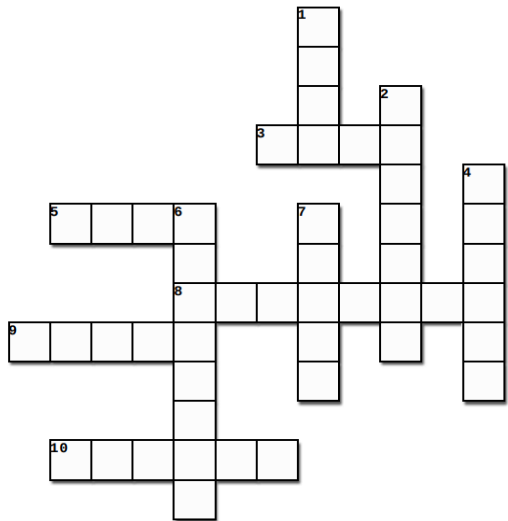
Crossword | Oscars

Across

- 3. This individual featured in the best picture of the year 2023, winning the Academy award for best Actress.
- 5. This director has won the most Academy Awards for Best Director.
- 8. This movie was the first foreign language film to ever win the Best Picture award.
- 9. It is the British equivalent of the Academy Awards.
- 10. She has been nominated for a record 21 Academy Awards, winning three Academy Awards for Best Actress.

Down

- 1. He holds the distinction of having hosted the Academy Awards a record 14 times. He was also awarded five honorary Oscars.
- 2. Who was given the longest-standing ovation in Oscar history?
- 4. He was the youngest person to win an Oscar, at 10.
- 6. This movie is the only remake of a feature film (*Infernal Affairs*) to win Best Picture.
- 7. Setting of *Call Me by Your Name*, the winner of the Best Adapted Screenplay award in 2017.



Across	Down
10. BART	1. Hope
8. Parasite	2. Chaplin
9. BAFTA	4. O'Neal
6. Departed	7. Italy
10. Streep	

Answers to this Weekly's Crossword

<https://worksheets.theteacherscorner.net/make-your-own/crossword/>

The views expressed in articles printed are their authors' own and do not necessarily reflect those of the Weekly or its editorial policy.

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