



# THE GOLDEN PRINT

ISSUE 1 (OCTOBER 2021)

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## A Note of encouragement:

- Opinion on "The Golden Print":

"The Golden Print" our school magazine is a collection of thoughts and skills of our resourceful and ingenious learners. The creative minds have exceptional ideas and this magazine provides them with a platform to present it to the DIS family. It is with great pleasure that I acknowledge the efforts of DIS learners. I am happy that the magazine has shaped into a perfect combination of thoughts and activities with an objective of development of mind and heart. Good writers are good readers. Writing vocalises your inner thoughts and lets you share them with others. There are numerous benefits of penning down your thoughts and feelings. It frees your mind, articulates your emotions, helps you to de-stress and prepares you to make decisions.

‘Thinking is a deliberate exploration of experience for a purpose’

- Edward De-Bono.

- Future expectations from "The Golden Print":

"The Golden Print", in its current form has a few articles and thoughts nevertheless, it is my hope that this magazine acts as a platform through which a student may be inspired to become a writer. I hope everyone will read this magazine intently and appreciate the creative talent being nurtured by our learners. I hope learners develop into thinking individuals and help each other grow. I am sure that in the coming years this initiative will be able to meet its objectives of creating wonderful thinkers. It will help you connect everyone with diversified interests. It will not only boost their ingenuity but also their confidence.

**Mrs. Swapna Gupte.**

**Sr. School Coordinator & Exam Officer  
Daffodil International School**



## Does Deja vu interest you?

Everybody knows what a Deja vu is . However, no one really knows how it functions . However, my theory suggests that it is a relation between multiple timelines . Multiple timeline theory was formulated by Hugh Everett which elaborates the theory on how there could be multiple Earths so technically, there would be multiple timelines . Another theory that could be combined to this could be that time runs in infinity or 8 structured loops as time passes . Considering all these theories to be true, take a look at figure 1.1 . It shows two continuous 8 loops side by side consider them as two timelines . We can observe that these two timelines are converging at some points or are appearing to meet at these points marked with red circles . So, the timeline on the left is running ahead in comparison with the one on the right . So, when these points are marked in red are the meeting points of these two timelines is the place where thoughts of every person are existent in both the timelines end up syncing and that's when a scene from the future is seen by the person who is in the timeline on the right whereas the event has already occurred in the timeline on the left a while ago . Later, when this event actually takes place in real life, we call it a Deja vu .

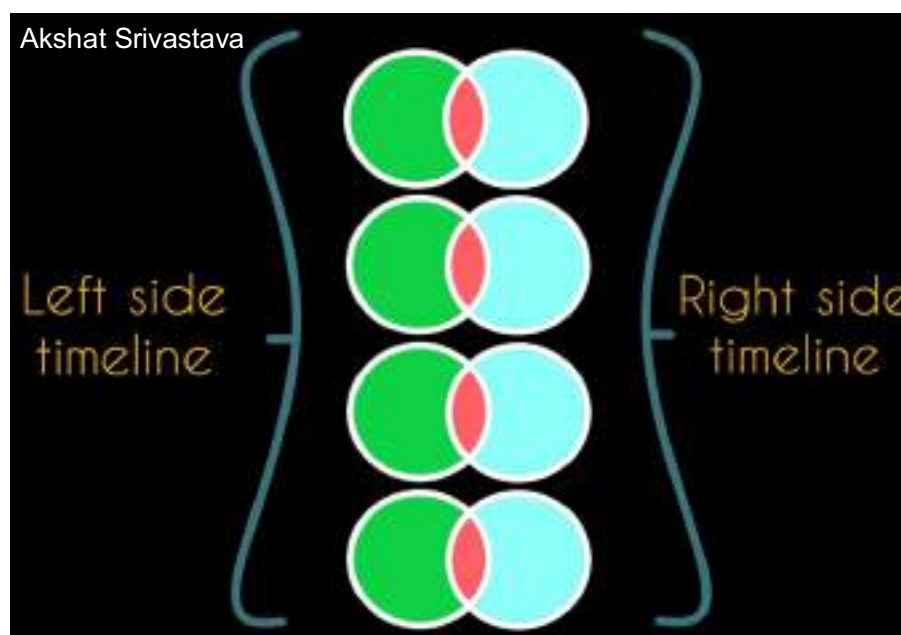


Fig 1.1

Aaryaman Shah  
Grade 12

## The Dream Paradox

Psychoanalysis involves many different theories and approaches to interpret dreams but two of the most prominent approaches to the mysterious fragments of images we see unconsciously were proposed by two famous psychoanalysts – Carl Jung and Sigmund Freud.



Psychologist Carl G. Jung

To set up the argument, Sigmund Freud was founder of psychoanalysis and was extraordinarily famous for his work like “Interpretation of dreams”, “Psychology of Love” and “The Unconscious”. Likewise, Carl Jung was a famous Swiss psychoanalyst and psychiatrist who founded analytical psychology and influenced different fields like anthropology and religious

studies to name a few. Interestingly, both brilliant thinkers had deep passion for understanding the unconsciousness, and struggled answering a seemingly simple question “Where do the dreams come from?” Even though Carl Jung came afterward to Freud in the timeline and was initially a supporter of the Freudian approach, he made a notable disagreement with Freud.

Freud believed that dreams are in fact simply repressed or forbidden ideas sent by the consciousness. As humans, when we grow old there are many obligations and morals that our surroundings teach us. Some of these values lead to fear within us and suppress the desires that this world entitles as “unethical” or “too vivid”.

For example – you may be forbidden to go to a place for that place holds apparent danger and if you do break the rules set up by your parents or society you might to an extreme get disowned. According to Freud, it is obvious that the attraction of the unknown will get depicted in your dreams and you are the most likely to dream of encountering and life threat when you go to sleep.

On the other hand, Carl Jung disagreed with this and stated that dreams might not just be the suppressed emotions but much more than that. He believed that dreams have great purpose and that the

unconscious is much more complicated as it is entirely involuntary. Jung proposed that dreams act like a bridge between what the unconscious must tell us and what the conscious must know. I believe contemplating dreams is one of the most mind-bending tasks

to unravel around but as it so happens curiosity can lead us to our answers even through the medium of psychoanalysis. As Carl Jung rightly puts “Thinking is difficult that’s why most people judge”

Shruti Sharma  
Grade 12

## Wormholes: Fiction or Reality

Wormholes, to put it simply, are direct connections between two distant points in space. A wormhole currently exists as complex mathematical equations and theories. To understand what a wormhole is, we must first look at how our universe works.

### The layout of the universe

Earlier, we believed that space was a flat area, where all events in space unfolded.

If we remove all the stars, planets and other cosmic matter, the space remains that is unchanging and eternal. However, Einstein's theory of relativity changed that. It says that both time and space make up the entire stage together. Time and

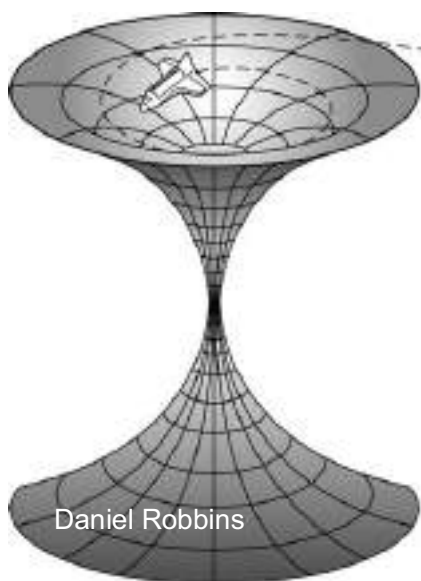


space are not the same everywhere. Matter present in the universe can warp spacetime. If the old theory explains that space is like a wooden floor, Einstein's theory represents space as a trampoline. It can be torn and patched together, leading us to believe that wormholes may exist. Imagine space as a 2-d sheet as space bent in just the right way. A wormhole would be a bridge connecting two very distant points by a bridge,

passing through the folds of the universe. Passing through that bridge can enable one to go to a distant point in the universe at speeds faster than that of light.

## Do wormholes exist?

No, wormholes are currently only present as equations and theories. Three of these theories are as listed below:



**Einstein-Rosen Bridges:** This is a theory written by Albert Einstein and Nathan Rosen. It states that every black hole is a wormhole to a parallel universe. That universe is a mirror image of our own. There, time runs backwards. The objects will emerge from the wormhole via the opposite of a black hole, called a white hole. But these wormholes are impossible to cross as it takes infinite time to reach the other side.

**String-Theory wormholes:** If at least one of the equations of string theory are correct, then we have a high chance of finding a wormhole. Our

universe might already have a tangled web of them! The theory states that a short duration after the Big Bang, spacetime quantum fluctuations at the scale of  $10$  to the power negative  $35$  meters (Planck Length) led to the creation of traversable wormholes. These wormholes are joined together by cosmic strings. In the first billionth of a trillionth of a second, the ends of these wormholes were pulled light-years apart. If wormholes were made in the early universe, they could be all over the universe, just waiting to be discovered. However, there is a more complicated way to find a wormhole. We could make our own.

**Artificial wormholes:** There are a few criteria a wormhole must fulfil to be traversable:

- They must connect two distant points in the universe
- They must not have event horizons that can block two-way travel
- Most importantly, they must remain open for a long time

Gravity will try to collapse the wormhole, leaving black holes at the ends. To prevent this, we need exotic matter. It is a type of matter with a negative mass. So, it will repel objects in the universe. Hence, we could use it to keep wormholes open.

## Problems with wormholes

Opening even a single wormhole can break the universe in fundamental ways, creating time travel paradoxes. Scientists have thus, stated that wormholes are impossible.

## Conclusion

If in the future we do discover string theory wormholes or exotic matter, we can use it to develop our intergalactic civilization. Wormholes can aid galactic exploration to search for other Earth-like planets because overpopulation is harming our environment. Who knows, maybe we will find other intelligent life forms. For now, they only exist as a part of fictional novels and theoretical physics.

Anish Garg  
Grade 9

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## 2021 Music's Summer in Review

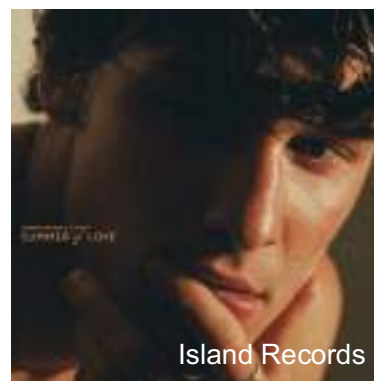
Summer has just ended in the western world and hasn't passed by without constant hits being released. This summer has seen a shift in topics and styles used by artists especially in pop but can be seen everywhere; artists have overcome their lockdown blues and are back to writing about the same subjects they did in the start of the pandemic. Lesser face masks were worn in music videos and lesser references were made to COVID. This directly reflects peoples' shift in mindset about the virus and how we are starting to get back to our normal habits.

Summer singles and albums this year mostly saw a delay in releases with most of them coming out in the last month or two of the summer. One example is Shawn Mendes and Tainy releasing their track, "Summer of Love", which tries to provide a summer theme with a Latin Pop influenced instrumental. Complementing the track, a dreamy and warm music video was released shot in Mallorca, Spain. Jaden Smith debuted his Cool Tape Volume 3: Day Tripper's Edition with the lead single being "Summer" which has a groovy melody with attention-catching vocals. The hip-hop music collective "88rising" announced their album, "Head In The Clouds 3", which is yet to have been released but features lead single California, which offers minimalist instrumentals with heavy vocals consisting those of NIKI, Rich Brian and Warren Hue.

We also had tracks not relating to the matter of summer but were released in the season and charted successfully. "Stay" by Justin Bieber and The Kid LAROI has

spent 4 weeks atop the Billboard Hot 100 chart and features a heavy synth and a punchy hook which provide for a sensational hit song. Ed Sheeran made a comeback with “Bad Habits” taking on a different style from his usual again showing off a light synth line paired with melodious vocals.

Overall, this last summer was full of hits marking the beginning of a new era in pop and rap music: an era in which the pandemic blues don’t express and optimistic melodies and lyrics are heard.



Left to right covers of: STAY by Justin Bieber and The Kid LAROI, CTV3 by Jaden Smith, Summer of love by Shawn Mendes.



Vedant Mamidwar  
Head of Music and Tech section  
Grade 11

## Nostalgia and Music

Music has embodied a meaningful significance to us all, whether it be songs that our family brought us up with or songs that have defined a certain period of time in our lives. Music has become an integral part of society and culture. It has united many in unexpected ways. When we hear a song, certain sounds or lyrics can cause a wave of emotions, or nostalgia.

Songs are influential works of art, whether it be the interpretation of lyrics that seem personal to only us, or production techniques that exude feelings of sorrow, euphoria, even vexation. When you listen to a song that you used to listen to years ago, your mind associates the song to a memory. In fact, there’s even scientific evidence to prove this phenomenon. When you listen to a nostalgic song, it triggers your prefrontal cortex, which controls emotions related to our own memories. This releases a flurry of hormones, dopamine, serotonin, and others. Listening to ‘throwback’ songs has even been proven to help with people who suffer from dementia!



Songs, lyrics, sounds that grew up with you, in a sense, become a part of you. They are able to generate a multitude of emotions within just 3 minutes. The powerful effect of nostalgia of our past, helps enhance our present.

Ria Malpani  
Grade 10

## The World's a Little Blurry

Billie Eilish – nineteen and normal. Like any other person, she's been in conflict with health, decisions and time. She's spent these 7 teen-years exploring her strengths and weaknesses and rummaging through every aspect of life. Yet unlike most of us teens, she has to stand in front of thousands and sing her heart out on the cusp of fame and disdain. Eilish's recent documentary, *Billie Eilish: The World's A Little Blurry* is a perfect depiction of how she tries to find a space for 'normalness' in her immense world of popularity. It truly is a rollercoaster of her journey from *Ocean Eyes* to *Happier Than Ever*.

“It feels like yesterday was a year ago”  
In her documentary, directed by R. J. Cutler, I got an inside look at how Billie creates songs with her brother Finneas O'Connell in his little bedroom as their world gets bigger outside their bijou home in Los Angeles. It doesn't matter from where the song comes, whether from a studio or a bedroom – what matters is where the song goes, and Billie's songs went a long way in just a few months. Yet in this big world, it is hard for her to find a moment for herself as her schedule gets more packed.

“Things I once enjoyed, just keep me employed now”

As her career snowballs, Billie moves into acceptance. She learns that her satisfaction with a song is equally as important as the fans' reaction. She receives help from her family and friends too. It is crucial to confront, and ask for help when one needs it. It is imperative to know that one doesn't have to mask themselves to be liked.



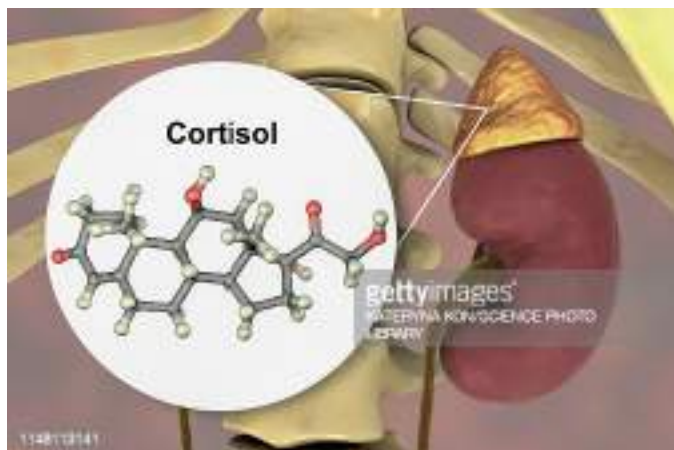
“I’m happier than ever”

From Billie’s latest album called Happier Than Ever, you can say that she is in a content place now. To put in the simplest of words, what I’ve learned from this film is that the world is in fact blurry – it is we who make a clear picture out of it.

Aafreen Makani  
Grade 10

## Studying and listening to music!!

Individuals are always listening to music. Music, whether it comes from the radio or our own playlists, fills the voids in our lives. Many students even listen to music as they study. For a long time, the issue of listening to music while studying has been a source of contention. Some people claim that music relaxes them and allows them to concentrate on their work, while others claim that it distracts them.



Songs have been proved to release the neurotransmitter dopamine in our brains, according to research.

Dopamine, a neurotransmitter that promotes happiness, generates pleasurable emotion while also lowering Cortisol levels. Students learn more efficiently when Cortisol, a pain and depression hormone, is reduced, since they may be able to

solve difficulties when they are in a happier mood.

Music cannot interfere with sleep since it is relaxing and comfortable. Better sleep habits might help you relax and be more productive. Many students who study late at night and for significant amounts of time, background music is beneficial for lengthy and night study sessions since it can lift the pupil's spirits and aid them persevere through the study session.

Several investigations, on the other hand, show that kids do not absorb knowledge as well when listening to music. Reading and writing have been shown to benefit from the absence of music, particularly loud or "enraged" music. Because this type of music has a detrimental impact on analysis and assessment, it causes students to be less productive on projects.

Although research suggests that music aids memory, many students find it difficult to recollect knowledge when taking an exam because they are in a silent atmosphere. As a result, people studying in a peaceful atmosphere have an easier time memorising knowledge during an exam. Multi-tasking includes listening to the music while studying, and as multitasking has been shown to reduce effectiveness (even dropping IQ over ten points), music may not be advantageous.

Finally, whether you find music to be distracting or calming is a matter of personal choice. It is best not to listen to music if it interferes with your ability to acquire and retain knowledge. If it puts you in a positive mindset to study, play peaceful music no vocals in the backdrop to increase academic achievement. It is not the same for e-learning as it is for conventional learning procedures. It is indeed similar to other educational process in that it's unique to each person and depends on what works best for them.

Rizak Makkar  
Grade 9

## Turning Memes into Reality

Memes have been existing since a long, long time- most of them don't have any meaning and are for entertainment but some memes may turn into serious projects. At E3 (Electronic Entertainment Expo), the biggest companies show off their new games or plans for the future, one thing that caught everyone's eye in E3 2021 is the XBOX and Bethesda showcase. Back in 2019 when Xbox announced their Series X console, social media was flooded with memes about it looking like a fridge. These memes went viral, on one hand, they were entertaining, on the other, they were one major part of promoting the Series X. On Day 2 of E3 2021, The Xbox and Bethesda Games Showcase had a little surprise for the audience. After showcasing almost 30 games, towards the end of this showcase, a small segment about the XBOX mini fridge was shown, leaving people elated and in shock! An official



trailer for this fridge was released soon after the unexpected announcement. This news was rather cool, XBOX took memes back from 2019 seriously in 2021 and turned it into reality. It is said that the fridge will be released anytime soon in

Holiday 2021 . Talking about memes, when the PS5 was announced in 2019, seems pretty obvious but memes about it were also made back then about it looking like a Wi-Fi router, the question is, will Sony announce a router shaped like the PS5 in the coming future?



Arnav Saxena  
Head of E-Sports and Covid section  
Grade 11

## The Sports Corner

### Section 1: The Olympics 2020(東京都)

The Olympics(オリンピック) are under full swing with various events happening each day . The games began on the 24th of July and scheduled on to end on the 8th of August . India is participating in the Summer Games .

Indian Victories		
		
1	2	4

With a total of 7 medals, the Tokyo 2020 Olympics is the best ever tally for India in Olympics history with the previous record being 6 in the 2012 London Olympics . There are some notable people who created history in their own way .

### Neeraj Chopra: Hephaestus

The architect behind Indians hearing the National Anthem for the first time since the 2008 Gold won by Abhinav Bindra . Against all odds, he produced a brilliant first throw that immediately catapulted him into the Gold Medal contention with the second throw virtually guaranteeing him an Olympic Medal and despite foul throws towards the end, he hung on and won the medal without the 6th throw being taken . He surely is a superstar in the making and will no doubt take India to greater heights .





### **The Indian Women's team: Persephone**

When the Indian Women played their first match at the Tokyo Olympics, no one expected them to create history in the way that they did. Reaching the semi-finals after overcoming various teams was heartening to see but it was the bronze medal match against Team GBR that truly inspired many Indians. A hard-fought loss (3-4) brought tears to the Indian Team who were consoled by GBR and the Prime Minister himself

during a phone call after the loss. Rani Rampal and co have inspired many Indian girls to take up the sport.

### **PV Sindhu: Athena/Hera**

Sindhu came into the Olympics with odds stacked in her favor for winning a gold for India. That did not occur as she lost in a tense match to the Chinese Taipei (Taiwan) player- Tai Tzu Ying. She then won the bronze medal match to create history by becoming the only Olympian to win back to back Olympic medals for India. Tai Tzu Ying eventually lost in the finals and had to settle for silver.



### **The Indian Men's Hockey Team: Apollo**

The team just like their women counterparts went into the Olympics with very low expectations placed on them especially after the hurtful (1-7) loss to Australia during the group stages. The team almost seemed out of the reckoning but to their credit, they bounced back to eventually win

bronze after 41 years of waiting for a medal in hockey. Could this be the sign of the revitalization of hockey in India? Only time can tell.

Images from top to bottom: Neeraj Chopra, Rani Rampal, PV Sindhu, P.R Sreejesh)



Shreyas Nitin  
Head of Sports section  
Grade 11

## A tale of Sleep Paralysis

It was a night like any other except for the contents of my dream . In my dream, I could see an old woman sitting on my body with her hands wrapped around my throat. I desperately tried to pry her hands off but it was futile . As I was dying, my eyes opened and I heaved huge sighs of relief realizing that it was all just a dream but something seemed strange .

For starters, I could not move my body as I tried to reach out for a glass of water . I also found that I could not speak and I felt an odd sensation come over my neck. I also felt something heavy on my body but nothing was there underneath my blanket. For a moment, I thought that the dream was in fact reality but I then shrugged it off as a product of my imagination but I still found it strange that I could not move my body nor open my mouth . I lived alone and my girlfriend was living a few blocks away from my house so I was certain that no one was inside my house .



It was then that I saw her . The woman in my dreams . I blinked a few times to shrug my sleepiness off but I was really seeing her . The old wrinkled face with red eyes and her fingers with fingernails was right in front of me . She had apparently noticed my gaze and gave me a smile which would haunt me forever . She then brought her hands up to my neck and started choking me all while saying “After all these years, you are going to be mine!” and that was followed by peals of laughter . To me she seemed like a deranged woman, no, she was Satan herself .

I could feel my consciousness slipping away from me and I was praying to God Almighty when I felt a release in the pressure placed on my body . The pressure on

my neck also loosened. I was able to move my body once again. I immediately when to the mirror and looked at myself and I was horrified to see slash marks on my neck and a huge red spot on my chest. To this day, I have no clue of how the woman was but I still remember the last words she said before she left. The words were:

“Long live Satan, the Emperor of all Lands”.



Shreyas Nitin  
Head of Sports Section  
Grade 11

## Book review: The house in the cerulean sea by T. J. Klune

In a fictional world where magical beings live in orphanages separate from society, Linus is a government worker whose job is to evaluate these orphanages and decide whether they are fit for children to live in. When he is assigned a classified orphanage near the sea, he meets the Devil’s child – Lucifer – among other anomalies within the magical spectrum. Scared out of his wits, Linus has to live with these supernatural kids for a month. But Lucifer’s just a six-year-old kid, and all the children just want to be loved. The master of the orphanage, Arthur Parnassus, is charming beyond compare to Linus, and their storyline is so well written it makes your heart ache for them. But

Linus is a government worker. Does he have the strength to stay unbiased to the people that he begins to care for, or will their love win him (and you) over?



This book transports you to the wonderful deep blue sea near them, so close that you can taste the salt of the sea. Each

character in the book has their own backstory, personalities, dreams, and believable character arcs. I loved this book so much that I recommended it to everyone I knew. This was all before I heard the source material for this book.

In the 1960s, ‘The Sixties Scoop’ took place in Canada, where aboriginal children were taken from their homes without consent and placed into a child welfare system in an attempt to make the children more Euro-Canadian and have been killed (and much worse) in the hands of the government. Is it really fair for the author to take these traumatic stories (of which the ripple effects are still felt today) and

make a feel-good fantasy novel? My issue isn't with him coming up with a storyline from this: it's with him publicizing the fact that he did so. As standalone fiction, this book is exquisite. It is

wrong to link it back to these distressing events. All in all, the book is definitely worth the read. It is harder to appreciate the book fully after finding out about this, but this is a great book to introduce

queer representation to kids. After reading this book, I feel one step closer to becoming a better writer, and one day, I hope to touch other people's hearts as deeply as T. J. Klune did mine.



Komal Apte  
Editor of The Golden Print  
Grade 11

## How has the technology scene changed in the last year?

The “tech season” is dawning upon us as large tech companies plan to hold their biggest events of the year in the coming two months. Consequently, there is a lot to look forward to this time of the year in the tech space from OS updates to phone and wearable launches. However, 2021 has been different so far. We have seen many launches and drops of gadgets offering practicality and functionality in daily life along with some having a focus on health. This behaviour from big tech companies is new to us as in the previous years, companies have been focused on merely improving their model from last year or releasing something having to do with leisure.

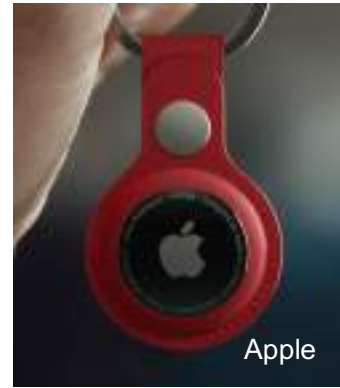
At the start of the year, CES (Cars and Electronics Show) was held, which featured machines like “Lasso”, which will recycle your recycling at home.

The Biospectal OptiBP was announced, which will monitor your blood pressure with your phone's camera; this is a ground-breaking development as blood pressure is a large-scale problem people throughout the world face, having fatal effects and requiring constant monitoring. The HealthyU is a device that monitors seven different biometrics, and the best part is, this can be done from home with no need for a visit to the doctor. These are examples of the response the tech industry has given to the growing concern for the wellbeing of a patient, a movement which the pandemic has propelled.





Fast forward to April, Apple held their WWDC event in which they revealed their new series of iMacs, the purple iPhone 12 and, most prominently, the AirTags which help you track your lost items using GPS and Bluetooth . Last month Samsung released their ZFlip 3 and ZFold 3, the latest updates to the series of folding phones which have been a centre of attraction in the smartphone world for the last 3 years .



More prominently, however, many new electric vehicles have been announced and released in the past year which builds on the movement to switch to sustainable energy forms and having zero emissions . Some of them being the pickup trucks,



such as the Hummer EV and Ford F150 Lightning coming to the EV scene, marking the start of another motor vehicle type shifting to electric power . Tesla focused on making striking improvements to performance in their electric cars with their new plaid variants .

The future for consumer technology looks bright right now as efficiency and practicality have become a major focus for large tech companies . They are giving more thought to the health of their consumers and extra performance and gimmicks have become insignificant relative to sustainability and “greenness” of a product . The tech world is embracing an interest in the betterment of the planet and well-being of their customers .

Images from top to bottom: Lasso, Apple AirTags, Hummer EV



Vedant Mamidwar  
Head of Music and Tech section  
Grade 11

## Well what happened there???

$1=1, 1+2=3, 1+2+3=6.$

Basically, sum of  $1+2+3 \dots +n = n(n+1)/2$

So, what will  $1+2+3 \dots$  to infinity be?

Some might guess infinity but what if I told you that the answer is a negative number. More so a negative fraction.

The answer is  $-1/12$  and here's how you prove it.

First we will define a new series  $S(1)=1-1+1-1 \dots$  to infinity

Now what will  $1-S(1)$  be. It will be  $1-1+1-1+1-1 \dots$  to infinity.

Therefore  $1-S(1)=S(1)$

So  $2 \cdot S(1)=1$

$S(1)=1/2$

Now we will define  $S(2)=1-2+3-4+5-6 \dots$  to infinity

$S(1)-S(2)=1-1+1-1+1-1 \dots - (1-2+3-4+5-6+7 \dots)$

$=1-1+1-1+1-1+(-1+2-3+4-5+6-7 \dots)$

$=1-1 + -1+2 + 1-3 + -1+4 + 1-5 \dots$

$=0+1-2+3-4+5 \dots$  to infinity

Well this is equal to  $S(2)$

So  $S(1)-S(2)=S(2)$

So  $2 \cdot S(2)=S(1)$

So  $S(2)=1/2 \cdot S(1)$

$S(2)=1/2 \cdot 1/2$

$S(2)=1/4$

Now for the big moment.

Let  $S(3)=1+2+3+4+5 \dots$  to infinity aka our original problem

$S(2)-S(3)=1-2+3-4+5 \dots - (1+2+3+4+5 \dots)$

$= 1-1 + -2-2 + 3-3 + -4-4 + 5-5 \dots$

$=0-4+0-8 \dots$

$=-4-8-12-16 \dots$

$=-4(1+2+3+4 \dots)$

But that's  $-4$  times  $S(3)$

So  $S(2)-S(3)=-4(S(3))$

$S(2)=-3(S(3))$

$1/4=-3(S(3))$

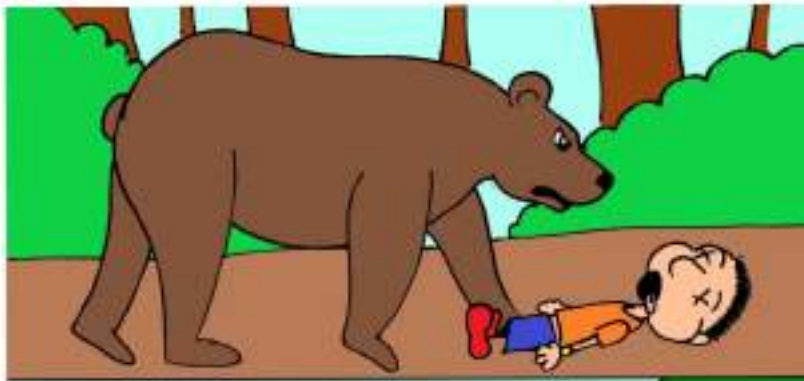
$S(3)=-1/12$



There you go.  $1+2+3+4 \dots$  is not a positive number, nor an integer. It's a negative fraction

This incredible proof was found by Ramunajan and there was a huge debacle whether or not this mathematical anomaly is to be accepted but for now it's considered to be a legitimate part of math.

Boom-Math!



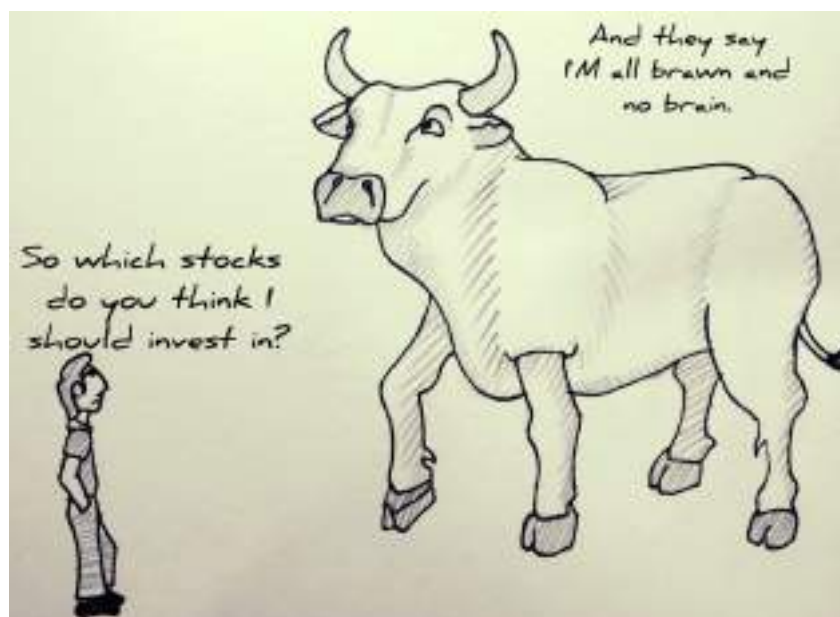
ALFRED SAW THE PREDATOR APPROACHING, AND DECIDED TO PLAY DEAD.



HIS PLAN DIDN'T REALLY WORK, FOR THE PREDATOR SOON REALIZED WHAT ALFRED WAS UP TO.



**THE END**



Bullish Market: a financial market in which prices have risen or are expected to rise



All comics by:

Akshat Srivastava  
Head of Comics section  
Grade 11



## Covid news as on 3 /9 /2021

- Over 52 crore adults have been administered at least one dose of vaccine .
- A total of 1,41,20,467 vaccine doses were administered on the 31<sup>st</sup> of August .
- Worlds first DNA based covid vaccine ZyCov-D maybe launched in the Indian market by September end .
- 54% of the population aged 45+ years has been vaccinated with the first dose of Covid vaccine .
- DCGI has approved CORBEVAX to conduct Phase II /III paediatric trials in children aged 5-18 .
- 60 . 20% of the active Covid-19 cases as of 3 /9 /2021 come from Kerala, 13 . 54% from Maharashtra and 26 . 26% from the rest of the country .



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