



## YOUNG MINDS



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### MESSAGE FROM THE EXECUTIVE PRINCIPAL'S DESK



**Mrs. Vijaya Joshi**, Executive Principal

#### BACK TO SCHOOL

Aristotle once said that:

"EDUCATING THE MIND WITHOUT EDUCATING THE HEART IS NO EDUCATION AT ALL".

Dear students, educators and families,

Welcome back to school!

We are incredibly delighted to have our children and educators back in school again, particularly after such a challenging year.

I do remember as a school kid, how excited I would be when the school would re-open after a long summer break. The smell of new books, the colourful new bag, the bright new uniform & a whole lot of stories to share with friends & teachers.

Unfortunately, an entire generation of learners has seen its education interrupted.

The COVID-19 pandemic has increased stress, fear and worry for all.

Our students have been the most adaptive and co-operative kids. The way they have supported us throughout this virtual journey has not only earned us an award but also has strengthened our belief about being able to manage any circumstance with extra efficiency.

Our focus is to ensure a supportive and safe environment to enable them to survive in any challenging situations that might arise. Our vision is to develop well rounded global minded individuals who demonstrate resilience and determination to succeed. We equip our students with the skills and academic success required to access new opportunities and enhance their life chances.

Yes, COVID - 19 has given an extremely long break to all of you from visiting the school premises. The excitement of visiting the school physically was initially marred by the fact that we all had to switch to the online schedule. But with the colorful online tools, we all have incorporated the laptops or PCs- the system in our daily routine life very well.

*Cont. on Page 2*

### PRINCIPAL'S MESSAGE



Dear Readers,

As I start to pen my thoughts, a lot comes to my mind which I feel privileged to share with you all. It always feels great to be able to connect with everyone through YOUNG MINDS. At the outset, I express my gratitude to the parents who have put their faith in us to educate their children. This brings with it tremendous responsibilities and I assure you that we are doing our best to live up to your trust in us.

The past academic year, 2020-21 was a challenging time for students, teachers and parents. It started with panic in our mind; however, it ended with a hope in our heart. It has been a year of experiential learning for all of us. It taught us to appreciate the little things in life and 2020 will be remembered for the beautiful moments we created with our loved ones. Though our students missed face-to-face interaction with their teachers, the school saw to it that there is no loss in their academics.

We stepped into 2021-22 with a renewed hope, joys of learning, new opportunities of exploration, reflection and growth and above all a spirit of gratitude. And now we come to the end of the First Term of 2021-22.

The First Term 2021-22 has ended with students continuing learning on a virtual platform. We continue with the same dedication to provide our students a memorable, interactive, engaging distance learning experience. This initiative of virtual classes is a year old now & all our teachers are very well trained & have mastered this exercise successfully to the fullest possible, only to ensure that the learning continues. The technology we adapted to in the past year has indeed acted as one of the tools, an effective aid for all of us. It will, for sure, provide leverage to our teaching-learning process.

With immense pride, we announce that the virtual mode has not come in the way of the co-curricular activities. The students were offered many opportunities to explore their interests and investigate new ideas. This year our school had organised Farewell Function

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## MESSAGE FROM THE EXECUTIVE PRINCIPAL'S DESK

*Cont. from Page 1*

Brain research tells us that learning is more productive & learners are more innovative & achieve higher levels of thinking when it's enjoyable.

As was said by Benjamin Franklin,

"An investment in Knowledge pays the best interest."

We, at INS, offer a Hybrid concept of learning that is synced well by our teachers and enjoyed by the students. The zeal of visiting the school physically would be unending, especially when online school has been the mode for 19-20 months. The enthusiasm of the approaching pulse is equivalent in us and I assure you that the transition is going to be very joyful and for the better.

I would quote Aristotle again to conclude,

"For the things we have to learn before we can do them, we learn by doing them"

We thank all our parents for their continued support during the school closure. A lot of things are constantly changing & we all are learning to live our lives adapting to the new normal.

Distance learning was tough on everyone & I think this is the right platform to send my appreciation to all my teachers, students, parents as well as the Management for extending their support.

**Mrs. Vijaya Joshi**

Executive Principal, INS.



## PRINCIPAL'S MESSAGE

*Cont. from Page 1*

for Grade X as well as Grade XII 2020-21 batch students. All the grades had Virtual Field trip which turned out to be a unique and enriching experience for the students. Students across the school participated in various celebrations such as Independence day, International Yoga day, Teachers' day etc. Different activities such as debates, extempore, presentations, clubs etc. were organised virtually to ensure that the students get a platform to showcase their talent. Many of our students were involved in a variety of extracurricular activities that allowed them the opportunity to grow at their own pace in a safe, nurturing environment. Our students participated in Online MUN's and various Inter School Online competitions and have brought laurels to our school.

The month of October saw the Secondary and Senior Secondary students coming to school; with the school adapting Hybrid Mode of learning in keeping with safety regulations. It always gives us great pleasure to see the smiling faces of students. It is the students who make our day brighter. The school continues in taking all the necessary steps in maintaining the safety and well-being protocol for the entire school. We wish to inform that INS vaccinated teaching and non-teaching staff are eager to resume many of the wonderful traditions of our school that had to be postponed because of COVID-19.

Dear Parents, we will keep you updated of any changes in governmental directives regarding physical opening of school. We look forward to a productive partnership with you, to ensure our children can achieve their highest potential. As partners, we share the responsibility for our children's success.

INS has proven itself as a benchmark for holistic education. A committed and supportive management, the team of well-qualified, dedicated, innovative and highly experienced teachers form the base of such a strong institution. I take pride to announce the exemplary results of our students in the CBSE Board examination both in Grade X and in Grade XII. Our school has achieved 100 percent result in both Grade X as well as Grade XII for the academic year 2020-21. The school is an epitome of academic excellence and has recorded astounding results setting a high standard for the following batches to surpass.

I end with the hope that our students shine brighter in the years to come and we have more reasons to rejoice.

Stay safe. Take care.

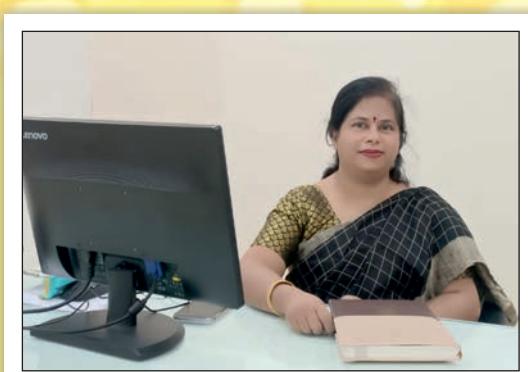
**Mrs. Aarti Garampalli,**

Principal, INS

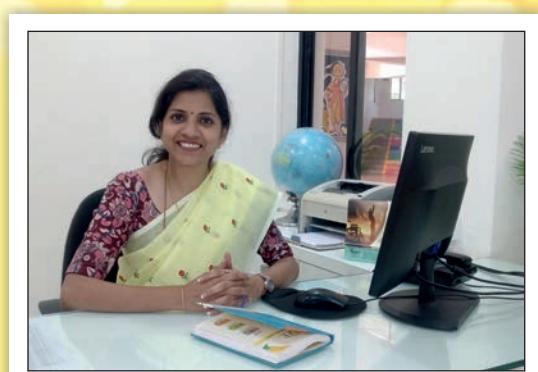
## NEW APPOINTMENTS



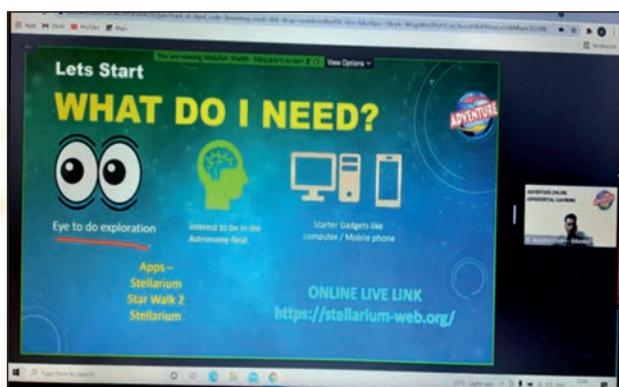
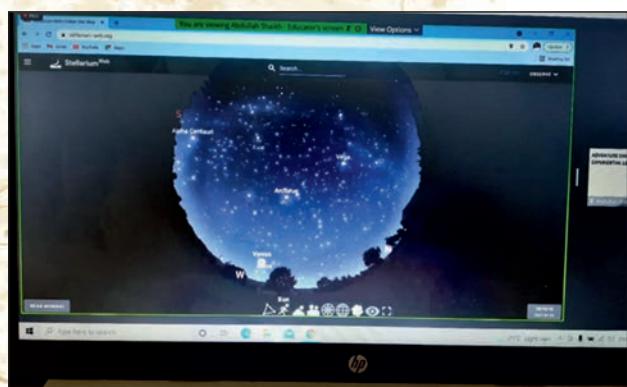
**Aakanksha Bhangaonkar**  
Vice Principal, Sr. Secondary Section



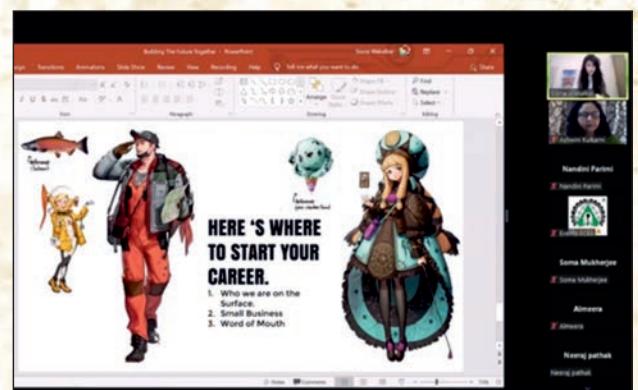
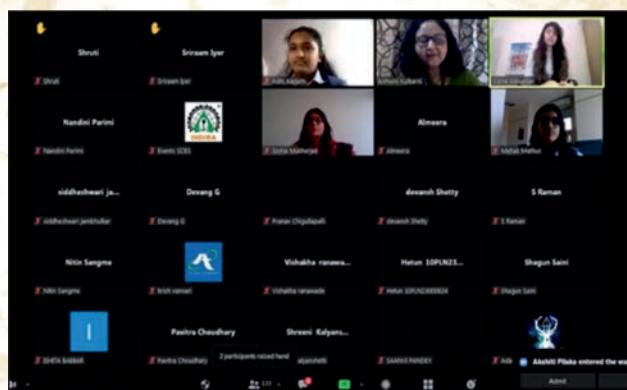
**Indrani Das**  
Vice Principal, Secondary Section



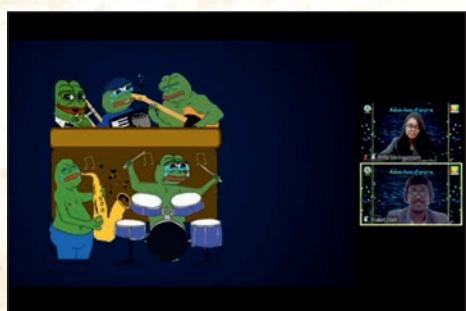
**Vijaya Borhade**  
Vice Principal, Primary Section  
(Afternoon Shift)

**VIRTUAL EVENTS - FIELD TRIP**

Experimental Learning- Space Science, Grade X Virtual Field Trip.



When our Alumni, the gem of INS - Ms. Siona Wakalkar addressed the students on Entrepreneurship

**FAREWELL FOR GRADE X<sup>TH</sup> 2020-21 BATCH****FAREWELL FOR GRADE XII<sup>TH</sup> 2020-21 BATCH**

# LITERARY WORKS

## परीक्षा एक चुनौती या अवसर

परीक्षा हमारे जीवन का अहम अंग है। हम जीवन में अलग अलग प्रकार की परीक्षाओं से गुज़रते हैं चाहे फिर वह विद्यालय की परीक्षा हो या जिंदगी की परीक्षा। हम बच्चे अक्सर विद्यालय की परीक्षा को चुनौती के रूप में स्वीकार करते हैं परंतु अगर हम इन्हीं परीक्षाओं को अवसर के रूप में स्वीकार करें तो शायद हम इनसे डरना छोड़ दे। इसे एक सुनहरा अवसर समझे जिसमें हम अपने ज्ञान और कौशल प्रस्तुति कर सकते हैं तथा हम किस विषय में कमज़ोर हैं और किस विषय में अच्छे इसकी जानकारी भी प्राप्त कर सकते हैं, परंतु मेरे विचार से आज के समय में जहाँ कोविड १९ के कारण विद्यालय बंद चल रहे हैं परीक्षा एक चुनौती ही है। ऑनलाइन पढ़ाई व साक्षात् ज्ञान प्राप्त करने में बहुत अंतर है। ऑनलाइन पढ़ाई व परीक्षा में छात्र अपनी सभी समस्या का समाधान नहीं पाते हैं, वही दूसरी तरफ तकनीक परेशानियों के कारण भी कई बार छात्र को परेशानी उठानी पड़ती है। परीक्षा वास्तव में अवसर ही होना चाहिए जो हम हमारी कमियों से अवगत कराके हमारा सम्पूर्ण विकास कर सके। लेकिन वर्तमान समय में परीक्षा चुनौती के रूप में हमारे सामने हैं। जैसे यदि किसी का छोटा घर है उसके छोटे भाई बहन हैं जो परीक्षा के दौरान भी ध्यान केन्द्रित नहीं होने देते। मोबाइल पर नेटवर्क की समस्या से परीक्षा में कई बार ज्ञान होते हुए भी हमारा उत्तर समय नहीं पहुँच पाता। इन दिन मेरी भी परीक्षाएँ चल रही हैं और परसों जब मैं हल पत्र जमा कर रही थी तब अंतराजाल अस्थिर होने के कारण में उसे जमा नहीं कर पाई परंतु हमें इन सब चीजों से उदास न हो कर अपनी तकनीकी परेशानियों को सही करने पर ध्यान केन्द्रित करना चाहिए।

Aishika Pandey, IX Beta

## THE MOON

*The moon is shining pale and bright,  
Oh, oh it's a wonderful sight,  
Go in the forest with all your might,  
Find in the forest a little bit of light,  
Stay there till the end of the foggy night,  
The moon is shining pale and bright.*



Shauryaa Zilpilwar, III - Omega

## MUSICAL QUIZ TIME

- 1) Which is the most sung song in the world?
- 2) Which five year old composed music?
- 3) Which composer was deaf?
- 4) What is called when the musical notes are written on a set of 5 lines?
- 5) What are the guitar strings made of?
- 6) Which instrument is made from a spider web?
- 7) Which whale sings underwater?
- 8) Which robot plays the piano?



Anuj Nayak, VII Sigma

- 1) Happy Birthday to You
  - 2) Wolfgang Amadeus Mozart
  - 3) Ludwig Van Beethoven
  - 4) Stave
  - 5) Metal/Nylon
  - 6) Miriton
  - 7) The Humpback Whale
  - 8) Japanese Robot - WABOT2
- ANSWERS

## GOALS WE LEARN FROM OUR FURRY FRIENDS

So one morning I was walking my dog, Romeo when he stopped and sniffed the ground. I waited for him to do whatever he needed to but then he walked on. I realized what he was sniffing was none other than a torn shoe. I slowly picked up the shoe and my dog stared at me expectantly. I threw the shoe and he ran after it. He brought back to me. That's when I realized that he wouldn't stop running for the shoe until he brought it to me. It was his goal to bring it back to me. It was engraved in his mind that he needed to bring it back, because then he would be rewarded with a treat!

So, even though he didn't write it down or spend too much time to think and decide his goals, he defined his goal to bring the shoe back to me. I went home and I thought about my own goals. Could I forget my goals if I didn't define them? I thought long and became lost completely thinking about all my goals. Only when my mother called me for dinner did I shake my head and decide to think about something else. When I reached the dinner table, I ate in silence until I couldn't ponder on all the goals anymore. "Mom" I said "Why do I need to define my goals?" My mother started laughing. I stared at her in shock. After a while she said "There are several benefits from defining your goals. It makes all your goals achievable and easier to achieve."

I wasn't satisfied with that answer and thought long about it before heading to bed. The truth is defining your goals does much more than making goals achievable. It makes your goals measurable and sensible. It helps you emphasize what you need to do to finish your goals. It encourages to remember what is required and what's not. It helps to make goals achievable. For example if I had a goal to raise at least about 3000 rupees by the end of next six months, I can define my goals and probably get 1500 in 6 weeks or so. I could make a lemonade stand, babysit or even prepare pet playdates and pet play areas in my house! Define your goals and it will be much easier to finish your aims. Even if your goal is a long term goal, like becoming a doctor or a business man when you grow up.

The next morning I walked Romeo, this time with a stick, I threw it and he brought it back once again. When I reached home, I told my mother what I thought, what were the benefits of defining your goals... She smiled and told me that I was correct and from now on defining my goals was a must, and to define any aims that were new or old.

Pavani Panda, VI, 'DELTA'

## JUST AS WE ARE

We have always been told to alter ourselves in some way so that we could fit in the society's perception of good. Why is it that people force themselves, their priorities, their choices to change so they can fit the stereotypes? Why can't we embrace the differences? Everything would be so much better if people were true to themselves and did what made them happy instead of doing what they were told. Like Van Gogh said "What is done with love is done well". It's time we reconsider the narrow definitions of success, happiness, the ideal personality type, beauty and what not. I believe that everything can be beautiful if we change our perspective. Let's try to be more open-minded. Not everything is about being a certain way or doing certain things. Van Gogh also said, "I wish they would only take me as I am". Let's take each other just as we are.

Bhumika Bhilare, X Omega





# THE GLORIOUS INDIAN HERITAGE

In today's time, we are bombarded with many difficult-to-pronounce names credited with numerous accolades and discoveries. The system has been established in such a way that we end up believing that no one before the person(s) credited with a discovery had thought about things in the way he/she did.

This does not do justice to the human RACE as a whole. With our notorious curiosity and erratic thought patterns, no one would like to bet that not a single person, in the thousands of years spanning the dawn of intelligent civilization to the birth of the registered discoverer, had thought about things with a critical approach.

People had thought and recorded various discoveries before.

In India, in particular, many great thinkers efficiently recorded their notions and innovations. Information about a wealth of topics, from Astronomy and Aeronautics to Computers and Warfare, can be found across hundreds of scriptures in Sanskrit.

For example, the speed of light, as established by Michaelson & Morley in the 19th century A.D., is 186,000 miles per second.

But the same thing, as recorded in the Rigveda, is as follows:

तथा च स्मर्यते योजनानां सहस्रम द्वे द्वे शते द्वे च योजने ।

एकेन निमीषार्धेन क्रममाण नमोऽस्तुते ॥ इति ॥

In this verse, the author pays respect to he who travels 2202 yojanas in half a Nimisha.

Let's try to understand what this means.

1 yojana is equal to 9 miles. Half a Nimisha is approximately equal to 0.114286 seconds.

When simplified (do the math), it turns out to be 185,016.169 miles per hour, which is painstakingly close to our modern definition. It is noteworthy that this was recorded in what is approximated to be 1500 B.C., which is almost 3500 years before its modern 'discovery', in a period which we often dismiss as 'primitive'.

We had made some commendable advances in the field of Aeronautics as well. In the 'Yantrasarwaswa', an accurate description of an important part of aircraft called the 'horizontal stabilizer' is given. It goes something like this:

"Whenever an aircraft is frisked or carried away by strong air currents, the stabilizer is used. A base should be prepared about 70cm thick, from a metal known as 'vakra thunda'. The diameter may be taken as one-fourth of the radius of the gyrations of the aircraft about a vertical axis passing through the kinetic center. This base may be anchored to the main frame of the aircraft in eight places or as required, through right-hand and left-hand strong screws which can be operated through toothed gearing and wired ropes or a winch crab, so that this base is secured very firmly to the main body and can be raised or lowered through the mechanical apparatus consisting of screws, gears, columns, wire ropes, etc."

These measurements are proportional to the measurements used in aircraft today. We have human nature to support the notion that these techniques were applied in practice to construct aircraft. Think about it: when someone first showed you how to make a paper plane, you must have tried to make one yourself, right? Making a larger and sturdier one is just taking it one step further.

In addition, many important discoveries in Mathematics, such as the invention of Zero, calculation of square and cube roots, Pythagoras Theorem, Areas of triangles, angle measurement, and Trigonometry have been made by Indian masterminds.

An interesting hymn to Lord Krishna presents the value of pi, correct up to 31 decimals:

गोपी भाव्य मधुव्रात शृङ्गीशो दधिसंधिग । खल जीवति खाताव गलहालारसन्धर ॥

Here, there is an arrangement called Katapayadi Sankhya, unique to Sanskrit, where consonants are given numbers according to some defined rules. Those interested to know more about this may consult Its Highness, Google.

The examples presented in this (not) brief article were just the tip of the iceberg. Why aren't such laudable discoveries acknowledged to the extent that they should be? Why do we bow to names like Pythagoras or Hippocrates, but hold names like Aryabhatta or Charak at arm's length?

Maitreya Kulkarni, X Delta

# MY TEACHER

## MY INSPIRATION, MY ROLE MODEL

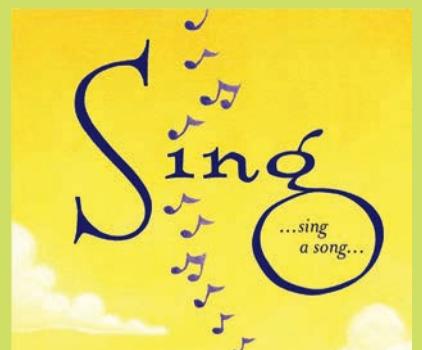
My teacher, my role model  
she taught my little mind  
how to be kind  
She taught me how to decide  
and keep my ego aside  
She taught only for a few hours a day,  
but all that she taught stays in my head even today!  
She made me learn values from life  
To make our nation bright, better and wise!



Shreya Deshmukh, IX Delta

# WHERE THE MERMAIDS SING?

*Over the grassy meadows  
Down the valley of shadows  
At the lake  
It is the place  
Where The Mermaids Sing  
So charming and beautiful  
The song they sing is-  
Which will make anyone  
Fall of its feet!  
The mermaids never come daylight  
Though they are always in moonlight.  
They sing and sing  
Until it is dawn  
And So That Is Where The Mermaids Sing!*



Avani Kapil Lahoti, V - Beta

# YIELD

Tied by the rope, round  
The clock I till the field,  
Yoked, perpetually bound,  
To the whip I'm forced to yield.

Labor for his demands,  
The monster that has  
me chained,  
I work on his lands,  
It's all pain, no gain.

I'm fed some straw and hay,  
Unmindful of my groans.  
Under my force every day,  
The persian wheel moans.

I look to the skies,  
In hopeful sobs I pray.  
No answers to my cries,  
Now even god's astray.

Now he lays hands on me,  
And so I'm told,  
"I shall no longer trouble you",  
And so I'm sold.

So many have owned me,  
That their count I have lost,  
Weakened, in this frail state,  
I wait for the frost.



My last breath will escape me,  
That's my only salvation,  
I only want to be pardoned  
This peaceful emancipation.

My astral looks upon them,  
As I lie upon the ground, dead,  
My face, impassive, unconvinced,  
By the tears those crocodiles shed.

Ishaan Apte, X Delta





## PANDEMIC TRAVEL - A DAY I CAN'T FORGET

**A**lthough I have many special days that are etched in my mind for some negative and mostly positive reasons, the most recent one is the day we had to take a flight from Chicago to Delhi during this Covid19 pandemic. It was nothing like the travelling we used to do. It was confusingly timid and worrisome!

Due to certain circumstances, we had no choice but to return to India from the United States even though it was the middle of my academic session and the pandemic was at its peak. Air traffic was restricted by many countries including India. The Indian government was flying VBM (Vande Bharat Mission) repatriation flights to bring in stranded Indians but the ratio of people to these flights was a huge one.

These repatriation flights were quite expensive and each ticket cost triple the amount of regular flights. Still my parents were trying frantically to buy tickets for any of these VBM flights but due to the lottery system at the Indian embassy, luck was as if not on our side! I could feel the tension and stress my parents were going through. I felt helpless as I could do nothing to ease their stress.

Suddenly one day in June, as if by sheer luck, we got selected in the embassy lottery and got three tickets from Chicago to Delhi. We were at that time in Fremont, California, so my parents had to arrange for additional air-tickets from Fremont to Chicago. I felt happy to see my parents heaving a sigh of relief. I felt enthusiastic to plan for the upcoming trip as I anticipated a normal journey that would be just like the ones I was used to.

A day prior to our journey from Chicago to Delhi, we flew to Chicago from Fremont. This was a regular journey, the only exception was that we all had to wear masks and had to take care of hand sanitization. The flight had scant passengers and we had a smooth ride. The roller coaster rough ride started on the day of our main journey from Chicago to Delhi. That day, early in the morning we reached the airport 4 hours prior to the departure time which is the norm for any international flight. After we reached the airport, we were welcomed with a long serpentine line of passengers which was crawling forward at a record slow pace. Things were not the usual, there were repeated temperature checks, luggage checks and we were made to fill up a bunch of forms. The embassy people were very helpful but the airline staff were nonchalantly rude. We were given face shields, masks and hand sanitizer sachets. The embassy people kept on explaining to us about various rules and regulations. They also repeatedly announced that we have to quarantine for a minimum of 7 days in Delhi at our own cost no matter what our final destination is. I saw a flicker of worry in my parents' faces but they didn't say anything to me. They kept reassuring me that everything will be fine and I need not to worry at all. However my worries became my friends and I could not get rid of them! Apparently, the joy of a journey got lost somewhere and I was unable to find it at all.

Eventually the 'boarding the flight' time arrived. This boarding process was smooth but once we embarked the plane the PPE clad alien-like hostesses made the scene quite chaotic. They behaved in a way as if we were the virus personified! Their gloomy faces, the worried faces of the passengers, little kids crying.....all these made me tense, uneasy and claustrophobic.

It was a plane ride of the most uncomfortable 15 hours! The entire time we had to be in masks and face shields. The face shield made it difficult for me to get some sleep. Moreover the seats didn't budge to incline and my dad's seat was broken. The plane was super crowded and the restrooms (Toilettes) were always occupied. Eating was kind of a disaster as the meal provided was very cold. The food given was pre-packed and most of it was stale. Some snacks packets were beyond expiry date. I felt hungry but I had to make do with the biscuits and chocolates my mom brought along. The air hostesses did not serve us any food, nor did they give us extra water. They were nowhere to be seen after the flight took off to the sky. I felt cold when the aircraft

reached the max elevation but alas, there was no quilt or pillows unlike regular international flights. Luckily my mom carried 'throws' (light weight smaller quilts) which kept me warm throughout the flight. I wonder how my mom knows everything beforehand?! I guess all moms are like this always.

Adding to the woes was my mom's sporadic hand sanitization regime. She had become like a sanitizing machine. She kept sanitizing the tables, the hand rests and every surface we touched. She carried more hand sanitizers and surface cleaners than biscuits and chocolates unlike all our other travel sprees.

Finally, after 15 hours of a unique ordeal of a plane journey, our aircraft touched the soil of New Delhi. We all heaved a sigh of relief.

Apparently, the mayhem we faced in New Delhi airport after landing is another big anecdote to write about. That I will say maybe some other day.....

Spandan Dutta, VI Zeta

## LIFE

Today is nothing special. Just another day. But the sky looks beautiful today.

There are big blobs of clouds. Clouds are being naughty.

This big cloud is covering the big sun in a matter of seconds and revealing it again. As the bright rays of the sun continue to hit my face, I notice something. Something I see every day but never acknowledge.

Colours; The pastel blue sky, The sage green leaves. Whatever colour the sun is because it's too bright to be looked at. The boring black shadows, White clouds. Even my ugly eyes look beautiful covered in the shining rays of the sun.

Air. I wonder what air would taste like? Smell like? Sound like?

In my imagination, Air tastes like lemonade. Weird right? As you take a sip you don't like it. You decide not to drink it. But within seconds, you crave more of it. You still don't like it but you feel satisfied when you consume it. After about 6 sips, you start to like it. It's sweet. But not too sweet. Just the right amount. You start craving it so much that till your dying breath you gasp for air.

For the smell, I feel it would taste like a natural perfume. When you smell it, it smells like art. Like heaven. Like the smell of old books. A new gaming console. A rose field. But after a second it's gone. I would give anything to smell that again. As these words dripped out of my mouth like honey, My friends don't believe me. "Air doesn't have a smell you idiot," they say. But they will never understand. I know what I felt.

Sound. Listen closely. Switch off all the fans. Just listen. You will hear the wind blowing into nothingness. Here, as the wind brushes against the delicate trees, I can hear the leaves move. Then there is a crow croaking its throat out. Even that sounds beautiful. But when it stops to take a breath you can hear the nightingale singing beneath; Her voice is covered up by the croaking. I can listen to the sound of my hands pounding the keyboard. What do you hear? Sorry, let me elaborate. What do you hear under the sound of this superficial world? Under the car horns, TV's, The shouting? Or do you hear nothing? Swallowed by the fakeness of our world, unable to hear real calls?

Don't worry. Most of us have. While my family sits on their laptops and phones, working, I sit here. In nature. Helpless. Unable to get people to romanticize their life. But let's be real. In a few minutes, even I am gonna go back to that world. Why? Because that's real life.

Mrinali Kumar, VII DELTA





## PEPPER ROBOT WITH EMOTIONS



Robots are designed to interact with humans. The latest scientific findings indicate that emotions play an essential role in decision making, perception, and learning. According to Rosalind Picard, MIT Media Lab "if we want computers to be genuinely intelligent and to interact naturally with us, we must give computers the ability to recognize, understand, even to have and express emotions".

SoftBank Robotics is a Japanese company, leader in designing and manufacturing friendly humanoid robot over decades. Their aim is "to make robots accessible to all so that they become daily companions - "The Power of Robotics to Benefit Humanity".

More than 25,000 SoftBank Robotics robots are used in more than 70 countries, in various sectors, ranging from retail, finance, government, tourism, health and education.

Pepper is a white, semi-humanoid robot, about the size of a 6-year-old, made by Tokyo-based SoftBank Robotics. Pepper is the world's first social humanoid robot able to recognize faces and basic human emotions. Pepper was optimized for human interaction and is able to engage with people through conversation and his touch screen. According to the company, Pepper was designed "to be a genuine day-to-day companion whose number one quality is his ability to perceive emotions." Pepper uses cameras and sensors to detect a person's facial expression, tone of voice, body movements, and gaze, and the robot reacts to those-it can talk, gesture, and even dance on wheels. He is a combination of emotions and technology.

Pepper is available today for businesses and schools. Over 2,000 companies around the world have adopted Pepper as an assistant to welcome, inform and guide visitors in an innovative way.

As the whole world is facing an unprecedented health crisis, Pepper is helping in the battle against Covid-19 by enforcing social distancing and masks wearing. Facing the challenging time of Covid 19 robotic solutions were rapidly adopted, to reduce the health risk, to help keep social distancing. As connected and integrative platform for a safer environment, Pepper is helping in the battle with its new features of Mask wearing, Telepresence and Navigation -

1. **Mask wearing detection** - An efficient deep learning solution with no personal data recording. Pepper can now scan faces through its inbuilt camera of a group of people (up to 5 simultaneously) in order to check if they are wearing a mask. During the interaction, Pepper displays a green or red circle around the face on its tablet depending on whether the person is wearing a mask or not. Pepper is expanding its skills to help limit exposure to viruses and ensure people are wearing a mask in confined spaces.



2. **Telepresence Capabilities facilitate smooth connection with the People**

Pepper allows your users to enjoy an immersive experience at ease despite being physically apart. Pepper's Telepresence feature includes:

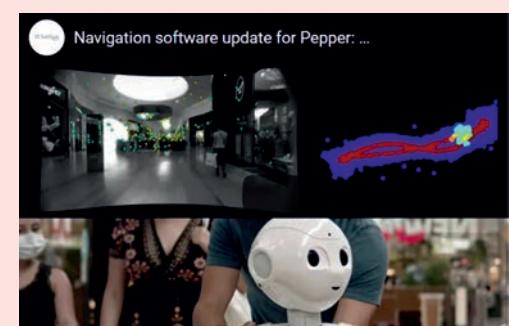
- a. **Teleoperation:** it enables users to operate the robot remotely by using a simple browser-based interface. Users can take commands of 45 and 90



degree turns or drive Pepper around in a open space to serve interaction purposes.

- b. **Obstacle Detection:** it allows Pepper to detect and avoid obstacles on its route for save movements without human supervision on-site.
- c. **Audio & video encryption:** the content of the interaction is well secured and the identity of the caller is authenticated.
- d. **Pepper safely guides customers & visitors - Navigation**

With Pepper's powerful navigation capabilities, customers & visitors are able to find their way easily. Pepper can move around freely, memorize important locations, and serve as a guide for visitors wanting to find their way around your store, mall, or airport!



Four stories of successful deployments of Pepper in Real time different landscapes

### 1. Pepper helping elderly at Casa Sollievo hospital in Italy

Pepper can be remotely controlled to enter the room helping monitor hospitalized patients. Pepper with its Telepresence feature, is helping staff to communicate with the patient and check health video monitor without physically accessing the room. In fact relatives also can communicate with patients and thus maintain the link when visits are particularly restricted in the hospital.

### 2. Pepper reminding mask wearing in malls in Germany

### 3. Pepper assisting travellers @ International Airport

Pepper is deployed at Athens International Airport, Greece and helping travellers with right information regarding protection measure, and sensitization within the airport and during the flights in order to safe from Corona virus. "Your health is our priority" is the message that Pepper is helping to spread in Greek and various other languages.

### 4. Pepper ensuring visitors' safety at DEWA in Dubai

Dubai Electricity and Water Authority (DEWA) deployed multiple Pepper robots in its Customers Happiness Centers and future Customer Happiness Centers to provide customers with the best AI empowered services and to ensure their safety, importance of wearing their masks and to maintain social distancing in DEWA premises.

### Conclusion :

Today, Japan has one of fastest shrinking workforces on the planet. Robots like Pepper could step in to help replace humans. Pepper and other robots like him are built on the back of research on human emotion. Robots Designers, AI Specialists and Psychologists are imparting basic emotions like joy, sadness, anger, surprise, disgust, and fear (some people add contempt) which are universal across cultures. Next decade would be interesting as we can see more of Humanoids carrying out the larger-than-life goals like easing loneliness, enriching the human experience, keeping workers happy, and caring for the elderly. "Can a robot love? "That's a hugely speculative question". But, it is evident that we're at least getting to the point where it feels like a robot loves us.

Manasvi Sisodia, IX Sigma

## FIND THE SOLUTION

	L	E	A	F
P	U	M	P	K
	I	N	S	T
	H	O	U	R
	O	S	E	E



Narawade Yajury Suhad, II Beta



## MENTAL HEALTH OF TEENAGERS

In recent years, there has been an increasing acknowledgement of the important role of mental health. Depression and suicide are the leading causes of disability and death among 15-29 years old teenagers as well as adults, respectively. Mental Health is basically a state of well being of an individual who is able to live a happy life without any tensions, can cope up with the normal stress of life, can work productively and make any kind of contribution to the society or country. As we know physical health is related to our body, i.e. being fit and energetic, etc. in the same way the health of our brain tells us about mental health. A person is said to be fit when he is fit both mentally and physically.

India has an annual suicide rate of 10.5 per 100,000, while the suicide rate of world as a whole is 11.6 per 100,000. WHO also estimates that about 7.5 percent Indians suffer from some mental disorder and predict that by the end of this year 20 percent of INDIA will suffer from mental illness. According to the reports roughly 56 million Indians suffer from depression and another 38 million Indians suffer from anxiety. For mental health awareness WHO launched a special initiative for mental health (2019-2023). Universal health coverage for mental health to ensure access to quality and affordable care of mental health in 12 priority countries to 100 million more people. Around 20% of the worlds children and adolescents have a mental health condition.

### Mental Health Problems

If a person is having any kind of a disability, we can define it as, a physical health problem same goes with the brain, if a person has any kind of behavior which is different than the behavior of mentally healthy person, it can be stated as a problem. If an individual has stress in his/her life or any other kind of problem such as anxiety, panic attacks, it can be termed as a mental disorder. Mental disorders may be occasional or long-lasting. Mental disorder types are i) clinical disorder, ii) anxiety disorder and iii) eating disorder in teens.

Clinical disorder is a very common disorder characterized by being persistently in a depressed mood or having less interests in activities, causing remarkable impairment in daily life. The manifestation for this kind of mental disorder can be anxiety (disorder caused due to hearing of loud sound), apathy, guilt, irritability, agitation, social isolation etc. To get rid of this disorder there is a therapy done to the person known as cognitive behavioral therapy (CBT). This therapy is a type of psychotherapy. This form of therapy modifies thought pattern in order to change moods and behaviors. It is based on the idea that negative actions or feelings are the results of current disorder belief or thought, not unconscious forces from the past. It's a behavioral therapy which targets the action and behavior of the individual. Treatments includes developing balanced and constructive ways to respond to stressors.

Anxiety disorder is a very common disorder spotted in the individuals. They can be explained by anxiety as the name suggests and fear which is more than enough to disturb one's happy daily routine. There are 10 million cases per year in India. It contains panic attack, obsessive-compulsive disorder and post-traumatic stress disorder. The symptoms include stress that's out of proportion to the impact of the event. If people experience hyper vigilance, irritability or restlessness, lack of concentration, racing or unwanted thoughts. To treat this disorder the person must do counseling or medications, including antidepressants. The person affected by this disorder can take self care by avoiding alcohol, reducing the caffeine intake in the body which reduces risk of aggravating certain condition, physical exercise, Quitting smoking and also by some relaxation techniques.

In United States of America as many as 10 from 100 young women suffer from an eating disorder. This disorder is related to stress, poor healthy habits and food fats are relatively common problems for youth. In addition, there are two psychiatric disorder which can be called as types of eating disorder are anorexia nervosa and bulimia that are increasing the number of mental disorders among most of the teenager and young women.

Treatment to these disorders are combination of treatments which include (CBT) as mentioned earlier and antidepressant medications can be used to help the teens overcome bulimia. Treatment for anorexia nervosa includes good healthy nutritional diet, medical monitoring of the patient and psychological treatment.

Harsh Waghmode, X Sigma

हम सब अभी, बिछड़े हुए हैं  
नए ज़माने में, उलझे हुए हैं  
कहाँ वो अब हैं, खिलती कलियाँ  
कहाँ वो अब हैं, मिलती गलियाँ  
प्यारों के साथ, कहीं दूर जाना  
उस पे घर से, बहुत डॉट खाना  
शाम को खाने से, इंकार करना  
फिर मुँह बना के, सो जाना  
सुबह, माँ का प्यार देना  
और बाबा के, चंद रुपए देना  
तमाशे लाना या मिठाइयाँ खाना  
और फिर रेंगते-खेलते घर आ जाना  
अपनों के घर में घर सजाना  
और कई रातें, उधर गुजारना  
रात-रात तक मझे व खेलना  
और फिर, अपने ख्वाबों में जागना  
बीच रात में, आग जलाना  
और फिर, बेगाने नगर्में गाना  
हँसते-हँसते, खिलते-खिलते

अंदर की चिंगारियाँ, बाहर लाना  
पापा की डॉट, मम्मी का रोना  
अंदर के ग़म, सर कर के छुपाना  
फिर सुबह सात, स्कूल तक आना  
और फिर लौटते, हाथ हिलाना  
ग़म का तो कोई सोचता भी ना  
फिर कोई किसी से, क्यूँ बात छोड़ता  
सङ्कों के कंकड़ और पैर चलाना  
फिर गेट से ही अंदर बस्ता लगाना  
रफ़ीकों के साथ, नदी में नहाना  
फिर जा के किनारे, कपड़े सुखाना  
और एक-दूसरे पे रेत छिड़कना  
कहाँ वो यारी, कहाँ याराना  
हम सब अभी, बिछड़े हुए हैं  
नए ज़माने में, उलझे हुए हैं  
कहाँ वो अब हैं, खिलती कलियाँ  
कहाँ वो अब हैं, मिलती गलियाँ ॥

Mohammad Ali Mir, X Sigma

## THE MONKEYS AND THE CAP SELLER

### PART 2

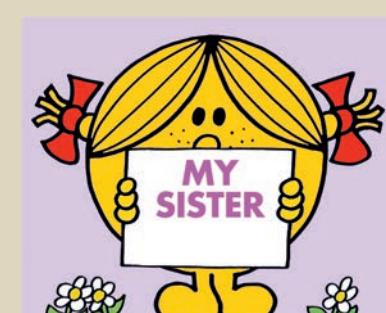


One day when the cap seller was very old he told his grandson that he would have to sell caps in his stead he also told the grandson that when he arrived at the tree by the river he would have to rest under it but meanwhile the monkeys on that tree will steal the caps, so he would have to pretend that he is throwing his cap down and the monkeys will copy him and you can cross the river to sell the caps. And so the grandson set out to sell the caps and when he reached the tree by the river he sat down to rest and fell asleep meanwhile as the old cap seller had said the monkeys stole the caps and when he woke up and saw that he knew that the monkeys stolen the caps and saw them wearing the caps in the tree he remembered what the old cap seller had said and pretended to throw his cap on the ground but surprisingly none of the monkeys threw their caps down. then, one big monkey climbed down the tree came up to the grandson and gave him a tight slap and said, "you fool, do you think only humans have grandfathers?"

Mihir Deshmukh, IV Omega

## MY SISTER

*My sister is great,  
She is always there as a room-mate!  
When she frowns I don't like her looks,  
But she really loves reading books!  
We love playing with toy guns,  
Being a little sister is always fun!  
Every night she tells me stories,  
In which there are fairies!  
I can't thank enough for having my sister  
We will have life long memories together.*





## RIDDLES

- Riddle 1: What begins with an "e" and contains only one letter?
- Riddle 2: What goes through cities and fields, but never moves?
- Riddle 3: A man looks at a painting a museum and says, "Brothers and sisters I have none, but that man's father is my father's son." Who is in the painting?
- Riddle 4: With pointed fangs I sit and wait, with piercing force I crunch out fate grabbing victims, proclaiming might, physically joining with a single bite. What am I?
- Riddle 5: What has to be broken before you can use it?
- Riddle 6: What can you keep after giving to someone?
- Riddle 7: What has many keys but can't open a single lock?
- Riddle 8: What goes up but never comes down?

4: A stapler, 5: An egg, 6: Your word, 7: A piano, 8: Your age  
Answers - 1: An envelope, 2: A road, 3: The man's son

Vanya Singh, Std. 5 Zeta



## FUN FACTS ABOUT SEA MONSTERS

- Sea monsters often called as water dinosaurs were large reptiles that lived in the ocean millions of years ago during the Jurassic period.
- Scientists do not categorize sea monsters as dinosaurs because their body structure was not same as dinosaurs.
- Most of the sea monsters had enormous bodies, flippers and sharp teeth.
- Megalodon was a large shark and the largest carnivorous fish known to have lived on earth. Megalodon gets its name from its large teeth which reached up to 18 centimetres.
- Another sea monster was Plesiosaur which had long neck, flippers and short tail.
- Sea monsters became extinct due to huge volcanoes that erupted on earth.

Anaisha Laud, I - Alpha

## GANTANTRA DIVAS

Bahtar saal ho gye, Samvidhan ko hamare,  
Samay bohot laga tha banane, Vishwa ka sabse bada Samvidhan,  
Kyunki kar raha tha, desh hamara punar janma ka intezar  
Ek arse baad, Aaj ke din ko kiye swatantra senaniyon ne,  
Purna Swaraj ka elaan,  
Thaan liya tha ki ab nahi sehen ge  
Zulum angrezo ka barambaa.  
Desh ki seva karne walon,  
aur desh par mar-mitne walon  
ke yogdaan ko bhul mat jana.  
Tirange ki laaj ko sadev ooncha rakhna.  
Chaabis janvari ka din yaad rakhna sab ,  
Kyunki aaj bana tha hindustan  
Bharat Ganarajya



Piyush Kinekar  
XII SCI BETA

## MAA

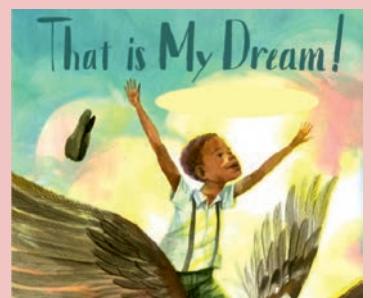
Hein Tere naam anek,  
Kehte Hein Hindi mein maa tujhe,  
To Urdu mein ammi,  
Punjabi mein bebe,  
To Sanskrit mein mata,  
Tere naam bhale ho anek , par hoti to ek Hein .  
9 mahine Bina swaarth ke apne garbh mein palne wali bhi tu,  
Aur Apne bacche ki galti pe daatne wali bhi to,  
Uski kamyabi pein khush hone wali bhi to hi hein.  
Aam Zindagi ho ya , lockdown ka waqt  
Apna kaam Karne se kabhi chukti nahi tu .  
Bas anth mein itna kehkar alvida launga ki,  
Tere naam bhale ho anek , par hoti to ek hein...



Piyush Kinekar,  
XII SCI BETA

## IN MY DREAMS

*The sweet little animal  
The tweeting little birds  
In my surrounding  
This place is already reserved*



*The river which glows and flow  
To join the brimming river  
In my surrounding  
With stone painted silver*

*With tall trees  
And green leaves  
In my surrounding  
This was my entire dream*

*With green bushes  
Filled with flower  
In my surrounding  
With abounded tower*

Anvi Nagpure, VI Sigma

## RIDDLES

- What disappears as soon as you say its name?
- What are the next three letters in this series - O T T F F S S ?
- What has only two words, but many letters?
- What is as big as an elephant, but weighs nothing at all?
- You use me a lot and keep saying that I am your life but you give me to others? Who am I?
- Which word starts with E and ends in E, but only has one letter in it?
- What word looks the same upside down and backward?



Answers:  
1. Silence, 2. E N T (first letter of each integer)  
3. Post Office, 4. The shadow of an elephant  
5. Money, 6. Envelope, 7. Swims

Ariv Singhal, V PI



## FUN FACTS IN MATHS

- Did you know ? When you multiply 259 \* 39 \* with your age, you get your age 3 times !  
E.g. I am 9 years old.  $259 * 39 * 9 = 090909$  !
- Did you know ? Every odd number has letter 'E' in it !  
E.g. - One, Three, Five, Seven, Nine, Eleven and so on !
- Did you know ? There is a trick to do multiplication by 11 !  
E.g.  $27 \times 11 = ?$ . Add the digits  $2+7 = 9$ . Now put this number in middle of 2 and 7. That's the answer. i.e. 297 !  
Note - This trick works for multiplication with 11, up until number 71.
- Did you know ? Forty is the only number, which when spelled, has letters in alphabetical order.  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Ariv Singhal, V PI





## FUN FACTS ON ANIMALS

- Baby rabbits are called 'kittens'.
- Rabbits have almost 360 degree vision.
- Horses have the largest eyes of any mammal.
- Certain frogs can jump up to 20 times their own body length in a single leap.
- A group of frogs is called an army.
- Shark eggs are transparent.
- The incisors of beavers are orange because they contain iron.
- Pigeons were the radios of the world wars.
- Horses use their ears and eyes to communicate with each other.
- Honeybees can flap their wings 200 times every second.
- Anteaters can consume 35,000 ants and termites in a single day.
- An adult Toad eats at least 100 bugs a day.
- Anna's hummingbird changes its colour every second.
- Cats can't taste sugar because their tongue doesn't have sweet receptors.
- Pigs roll around in the mud to help them cool off.
- The First Animals Appeared About 600 Million Years Ago.
- A dog's sense of smell is between 10,000 and 100,000 times better than a human's, but they have just one-sixth our number of taste buds.
- The human eye can see 500 shades of grey.
- Most cats have no eyelashes.
- Starfish can re-grow their arms. In fact, a single arm can regenerate a whole body.
- The total weight of all the ants on Earth is greater than total weight of all the humans on the planet.
- A mosquito has 47 teeth.
- More people in the world currently suffer from obesity than from hunger.
- Half of all humans who have ever lived have died from malaria.
- Humans share 50% of their DNA with bananas.
- Jupiter and Saturn have diamond rain.
- Bubble wrap was originally designed to be used as wallpaper.
- All of the gold mined in the history of the world would fit into a 20x20x20 meter cube.
- The world's longest musical piece lasts 639 years.
- Neptune was the first planet to get its existence predicted by calculations before it was actually seen by a telescope.
- While cats can make more than 100 different sounds, dogs only make around 10.
- A blue whale's blowhole can spray water 30 feet in the air.
- Butterflies can taste with their feet.
- You see things upside down - it is your brain which turns the image the right way up.
- The average dog is about as smart as a two-year-old child.
- Hens chop up food into small pieces for their chicks.
- Cows can't bite because they don't have top front teeth.
- Some salamanders and frogs have tongues up to 10 times as long as their bodies.
- Most Animals Are Symmetrical.
- Penguins have knees.
- The human Brain comprises 60% of fat and is one of the fattest organs in the human body
- There are 100 billion neurons present in the brain.
- A blue whale's tongue is weighs as much as an elephant.
- A woodpecker can peck twenty times a second.
- Ants do not sleep.
- The great white shark has approximately 300 teeth.
- MALE seahorses can have babies.
- Polar bears have no natural enemies.
- Birds Use Landmarks to Navigate Long Journeys.
- Elephants are intelligent mammals.
- When a crocodile loses a tooth, it is quickly replaced. These reptiles can go through 8,000 teeth over a lifetime.
- Pigs can learn commands like 'sit' or 'fetch'.
- A flea can jump 350 times its body length. That's like a human jumping a football field!
- Elephants are the only animal that can't jump.
- An ostrich's eye is bigger than its brain.
- Starfish has no brains.

Maitri Patil, VII Delta

## LAUGH IT OFF!

- Substitute Teacher: Are you chewing gum?  
Student: No, Sir, I'm Praful Tiwari.
- Master: Come on, water the plants.  
Servant: But Sir, it's raining.  
Master: Don't give me excuses. Take an umbrella and do it.
- Teacher: Why didn't you do your history homework?  
Student: I don't like dwelling in the past.
- A newspaper ad: Are you illiterate? You don't know how to read and write? If so, do write to us and we will help you.
- Teacher: Why didn't you come to school yesterday?  
Student: I was sick, Sir.  
Teacher: Sick of what?  
Student: Sick of school, Sir.
- Mother lion: What are you doing?  
Baby lion: I'm chasing a hunter around a tree!  
Mother lion: How many times have I told you not to play with your food?
- Sunny: What is the happiest thing in the sky?  
Bunny: The sun; it's always beaming.
- Teacher: What is an autobiography?  
Student: A car's life story.
- Three foolish guys were sleeping on one bed.  
First guy: This is terrible. No space here.  
Second guy: Really terrible. I can't move my hands or feet.  
Third guy: Yes, Same here.  
He jumps off the bed and sleeps on the floor.  
After some time, First guy: Come on the bed, there is plenty of space now.
- Mummy mosquito: How was your first day out, little one?  
Baby mosquito: Fantastic, Mummy! Everywhere I went, I was welcomed with clapping.

Vedika Kamath, VI Alpha



## MY SISTER

A confidant was born when I was two  
 A little sister that would do  
 She is a sweet, wiry, cute girl  
 With straight black hair without a curl.  
 She loves craftwork and origami  
 And is great for company  
 She likes playing and watching television  
 Together we've lots of fun!  
 Together we eat, sleep and share  
 We do have many fights  
 Though they hardly last a night.  
 To show our relationship, 'Love' is a word too mere  
 A companion and aid  
 Better one was never made  
 An awesome sister tender and true  
 One in billion, dear Anaya is you!

Avani Kapil Lahoti,  
V - Beta

## चंदा मामा

चंदा मामा तक जा करके, साथ उन्हें ले आएँगे  
 हमको याद बहुत आती है, उनको हम समझाएँगे  
 साथ हमारे खेलो कूदो, हँसी ठिठोली खूब करो,  
 तुम साथी हम सबके प्यारे, तुमको साथ खिलाएँगे  
 चंदा सी बिंदिया देखो तो, अम्मा माथ लगाती हैं  
 चंदा सा मुखड़ा जब चूमूँ  
 अपने पास बिठाती हैं  
 चंदा मुझको प्यारे हो तुम, मेरा साथ निभाना तुम,  
 तुम हो मेरे प्यारे मामा, अम्मा यह बतलाती हैं



Aishika Pandey, IX Beta





## FOR MY KNOWLEDGE HUNGRY FRIENDS

Here I am giving you some links for the free courses available on the internet of your choice. There are many such websites but the following one's are my personal choice. Most of them requires signing up, but the curses are free. So learn something new from them Friends and kill your lockdown time till we meet again!

### 1. <https://www.busuu.com>

This website gives the basic idea about introducing yourself in different languages. This is NOT in detail but tells you the main words like hi, hello, goodbye, etc. The languages available in this website are – Spanish, French, German, Japanese, Italian, Russian, Chinese, Arabic, Turkish, Portuguese, Polish and English.

### 2. <https://www.coursera.org/learn/cryptocurrency>

This is a course about bitcoin and cryptocurrency technologies. Bitcoin, often described as a cryptocurrency, a virtual currency or a digital currency - is a type of money that is completely virtual. It's like an online version of cash. You can use it to buy products and services, but not many shops accept Bitcoin yet and some countries have banned it altogether.

### 3. <https://www.coursera.org/learn/writing-english-university>

This course helps in writing of english. Acquiring good academic research and writing skills early on is essential for your success both at university and in your professional life. This course gives you an understanding of the conventions of academic writing in English.

### 4. [https://www.youtube.com/watch?v=aqvDTCpNRek&list=PLu0W\\_9lII9agICnT8t4iYVSZ3eykIAOME&ab\\_channel=CodeWithHarry](https://www.youtube.com/watch?v=aqvDTCpNRek&list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME&ab_channel=CodeWithHarry)

This is a playlist on youtube that is about python there are around 130 videos in it and it explains python in extreme detail. Or you can search for "CodeWithHarry" in youtube.

### 5. <https://www.khanacademy.org/>

This is another website that help you to clear your doubts of various subjects of different standards like Math, science, economics, etc.

### 6. <https://www.edx.org/>

This is a site where there are 3000+ of different courses such as all school subject, law, healthcare, engineering, electronics, etc. There are about 600,000 people using it so it is good and trusted by all.

### 7. <https://www.codecademy.com/>

In this website you can learn all the things related to computer software e.g. computer language, game development, cybersecurity, data science and many more.

### 8. <http://www.drawingcoach.com/>

For all art lovers here is a website that teaches you how to draw different animals, drawing softwares, tips and techniques, etc. If you are looking for a specific drawing you can search on the bottom search bar.

Kalash Chaudhari, VII - Gamma.

## BIZARRE FACTS OF JAGANNATH PURI TEMPLE

- Seven pots are kept on top of each other and cooked on firewood. In this process, the food in the top most pot gets cooked first and then the food in the pots below !
- From any place in Puri, you will always find the Sudarshan Chakra facing you !
- No birds or planes fly over this temple !
- Normally during daytime, air flows from sea towards land and during evening it flows in the reverse direction. But in Puri, it is totally opposite !



Ariv Singhal, V- PI

## A SWEET SPARROW

High up in the Sky  
I see someone fly  
Her name is 'sparrow'  
She's very narrow  
Producing her sweet sound  
to are little ears  
having three babies  
on her home, called nest  
Making little sweet sounds  
to search her food  
Chirp Chirp Chirp!  
Chip Chip Chip!  
Sparrow went sad  
she didn't find her food  
the babies were hungry  
her babies need food.



Yashita Goyal, V Beta

## HAIKU

*(This is a short form poetry originally from Japan)*



Movies, games and Netflix,  
my vacay is finishing soon,  
exam results are nearing.  
Doorbell rings,  
vanishing my hunger.  
Pizza completes me!  
Unbelievably flawless,  
fresh, sweet and red.  
I begin to sip my smoothie!  
After chopping beans  
and carrot,  
the cooker is on the stove,  
And then my rice is ready  
in a bowl!

Shreya Deshmukh, IX Delta

## ALMOST FEELINGS

I DON'T LEND MY EAR,  
So, they can't hear,  
But I don't know,  
If everyone knows my fear  
I always smile,  
But I don't know if it's real,  
But I don't know,  
If everyone knows my fear,  
I feel better,  
Alone in the dark,  
Though I feel lonely,  
But no one comes from the park,  
When I woke up  
at 3 am they never,  
Wanted to know,  
Where I am,  
But then I knew,  
They don't care,  
Wherever I am.



Saanvi, IV Gamma





# ACHIEVEMENTS



**Master Aron Raj** from Grade IV Gamma is the proud winner of Canvas 2021, Children's Art Competition (DSWF) in the individual category of the age group 8-11 years. The topic was 'Healing Nature- a Planet on the Edge.' His artwork was exhibited at a prize giving ceremony held at "London Natural History Museum" on 25th March, 2021. He was announced as the

Virtual final winner by the renowned artist DSWF Patron, Emily Lamb and DSWF Partner, Wildlife Artist, Martin Aveling.

**Master Taranvir Singh Jaspal** from Grade VI has been selected at Bengaluru FC football academy with full scholarship. He has been felicitated by the Mayor of PCMC for this achievement.



**Master Nishil Gupta**, Grade III Omega bagged a brown belt with a trophy of 3rd place in Karate Kata competition held online in September.

**Master Harshit Mandavkar** from Grade III Gamma has earned a yellow belt in Karate with his hardwork.



**Miss Sadhana S** (IX-Beta) is learning Ancient Self Defence art & techniques - Adimurai and Silambam for the last one year from an institute named Lemuria, and has completed 10 levels.

Learning Self Defence is very essential and protects us from situations as well as provides confidence & knowledge.

Sadhana had reached till the finals in the Adimurai Veeran Season 2 competition held worldwide by Lemuria organization.

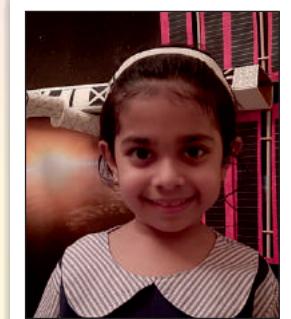
Cholan Book of World Records is to encourage & assist young people talents with extraordinary performance which is documenting human and natural world records. Sadhana participated for half an hour in this world record event on 7th July 2021 that lasted for 12 and half hours. Nearly 1200 students participated in this event through an organisation called Lemuria who is teaching this oldest technique "Adimurai and Silambam".



**Master Tanay Kulkarni** from Grade II, Delta has been learning Karate classes regularly since last 3 years and holds a Green Belt (5th Belt) and currently preparing for Junior Blue (4th Belt) examination.

Tanay is also a good Tabla player. He joined Tabla classes in the month of February 2021 and practices it

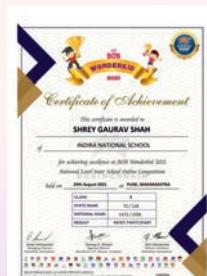
everyday. He will be appearing for his first Akhil Bhartiya Gandharva Tabla examination (Prarambhik) to be held at the end of year. Both of his above achievements have helped him with greater concentration, patience, failure handling which eventually helped him with his academics and personality.



**Anaisha Laud**, Std. I - Alpha is the second runner up (3rd prize winner) in the Interschool Competition - 'Vidnyan Fest' 2021-2022 hosted by G.K. Gurukul school. Anaisha represented Class 1 in the group 1 'A.P.J. Abdul Kalam' category with the theme 'Space'. Anaisha's display model was a model of the International Space Station (ISS).



**Master Ojas Altekar** from Grade V, Gamma had participated in LXT cycling challenge on the 75th Independence Day and excelled by finishing the 15.24 kilometre race with an average speed of 20.3.



**Master Shrey Gaurav Shah** Grade I, Vidyut had participated in BOB (BrainOBrain) Wonderkid 2021 and had secured 1st rank in Pune and 72nd rank in Maharashtra.



**Master Javin Kapur** Grade VIII Omega had participated in BOB (BrainOBrain) Wonderkid 2021 and had secured 8th rank in Pune and 11th rank in Maharashtra.



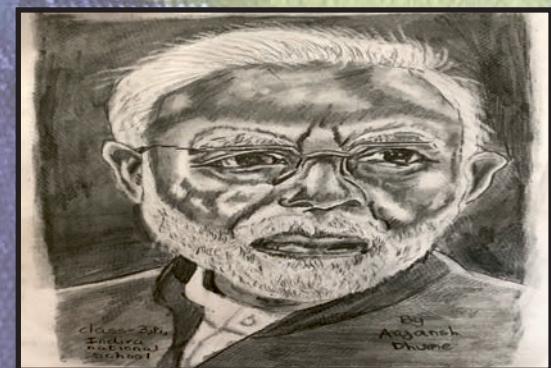
# Art Zone



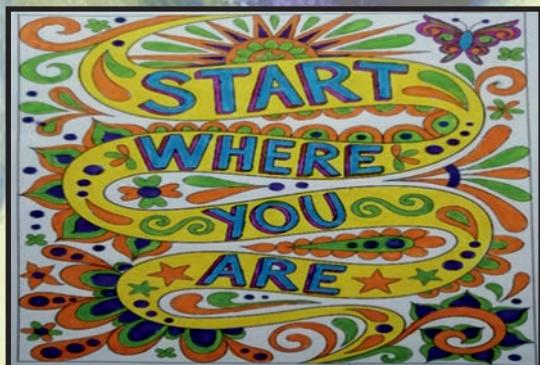
Riti Virendra Dakhode, I Vivan



Abhigyan Srivastav - II Omega



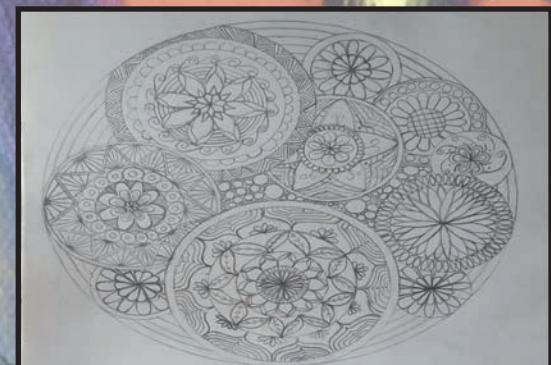
Aryansh Dhume - III Pi



Hemakshi Advani, IV Beta



Maitri Patil, VII Delta



Amey Vaidya, VII Gamma



Nishka Dawande, VII Omega



Oindrila Pramanick, VIII Sigma



Tanishq Patil, IX Delta



Ameya Dandgawhane, X Beta



Rajvi Nilesh Mandaliya, X Beta



Rajvi Nilesh Mandaliya, X Beta



Prarthana Praveen, X Sigma



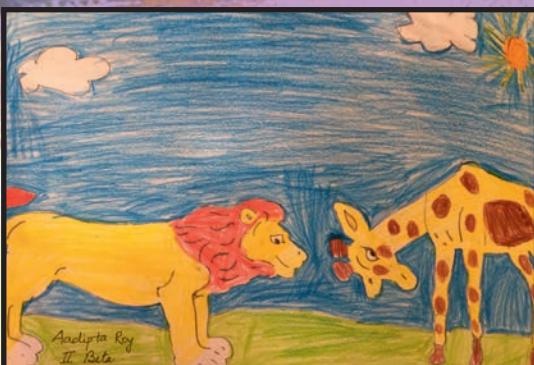
Avani Lahoti, V Beta



Hirraal Patil, V Sigma



Tejal Kalantri, VI Alpha



Aadipta Roy, II Beta



Swarnika Nitin Nagpure, II Theta



Charmy Dutta, III Gamma



Sharvil Prathamesh Junnarkar, IV Aayan



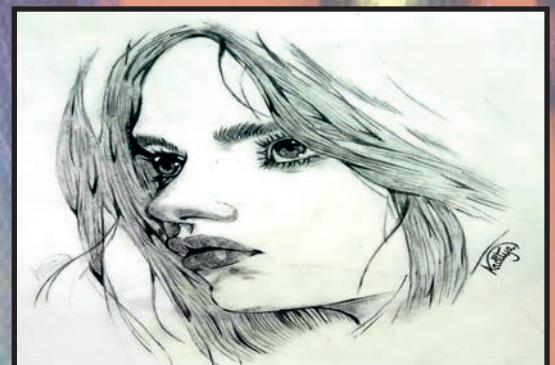
Vernit Garg, IX Beta



Nishitta Puri, XII Alpha Commerce



Gayayri P, X Omega



Aaditya Anekar, X Sigma



Shauryaa Zilpilwar, III Omega



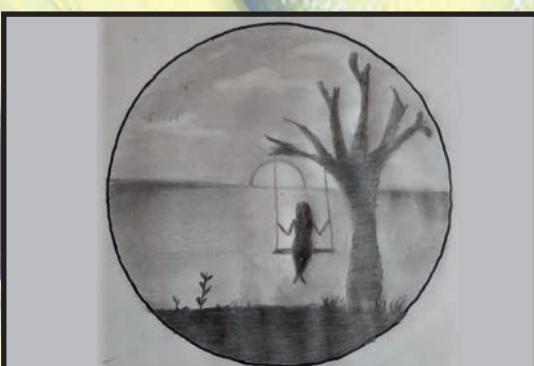
Akira Saxena, I Beta



Shraddha Karanth, II Beta



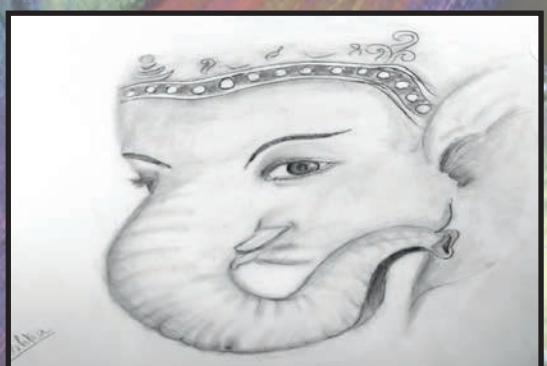
Shreeja Diwan, IV Omega



Spruha Panchi, III Omega



Hemakshi Advani, IV Beta



Anoushka Srivastav, IX Beta



Tanishq Patil, IX Delta



Hetaakkhi Agarwal, II Sigma