



Indira National School

YOUNG MINDS



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For Private Circulation Only

From Chief Executive Principal's Desk

Dear Readers,

It gives me great pleasure to reach out to you through the pages of Young Minds. My write up today is based on a Harvard study that has tracked the lives of 724 men for 78 years. The fourth director of the study, Robert. J. Waldinger, has shared some of the findings based on the study and I would like to share them with you.

1. A happy childhood has very, very long lasting effects. Having warm and secure relationships with parent and siblings is a good indicator for having good relationships as adults. It is also a predictor of better physical health. Keeping this in mind, I think that parents and school need to take the initiative and give our children the gift of happiness. Let us focus on doing the things that make them happy. Everyday you could ask your child "What can we do today to have a happier day." Do the things they want to do. By doing so we will be nurturing happier adults who will build strong relationships.

2. But people with difficult childhoods can make up for their lost time in their mid lives.

Chaotic families or economic uncertainty does have an adverse impact on our chances of happiness and success in adulthood. But adults, who engaged in 'generativity' - i.e. an interest in establishing and guiding the next generation are happier and better adjusted. As parents and teachers we must model this trait for our kids. We should be willing to share our time and expertise towards helping another to realize and achieve his potential. In today's competitive world this is easier said than done, but all of us could make the effort. The joy that it would bring to the other person makes the effort worthwhile.

Remember - "The more you give the more you get"

3. Learning how to cope with stress has a lifelong payoff. Stress is a part and parcel of our day to day life. However the study has shown that people who have "adaptive methods" of coping with stress, lead better lives and have better social relationships. An added bonus - brains that stay sharper for a longer time.

We need to teach our children to be self aware, kind, caring, generous and compassionate. If we are able to inculcate these values our kids will grow to be kind, caring, generous and compassionate adults. They will also learn the adaptive methods of coping with stress namely "sublimation", altruism and suppression.

4. Time with others protects us from the bruises of life. The study has revealed that the quality and quantity of our relationships have a significant impact on our happiness levels. So let's focus on improving our relationships with parents, children, siblings, co-workers and neighbours. Let us go on a "digital fast" for an hour every evening and at least for a few hours on the weekend and give that time to our loved ones.

The pay offs could be hugely satisfying. Focus on making huge deposits in the emotional Bank A/c's of those people who matter the most to you. Let's develop the thought process of putting ourselves in the other person's shoes before we react to any person or situation. This will enable us to have better interactions / relationships with everyone.

This in turn would make us happier individuals and we would be nurturing a generation of happier individuals.



Mrs. Geeta Pillai

Chief Executive Principal
Indira National School

The Editor's Note

One of the most interesting things about Indira National School is the broad diversity of the brain power of it's students and teachers who embody the spirit of lifelong learning. We are creating a future full of optimism and enthusiasm, a future where every endeavour will succeed and ineptitude and disillusionment will be something of the past.

What goes on inside our classrooms? What about beyond the school's walls? What motivates students? What skills do students need to navigate today's workplace and world? These are all questions we set out to explore and these are the questions our children have answered well with their constantly evolving and questioning minds. How do you encompass all the hopes and plans for your children and reflect the same in our publication? As you flip through the pages of this publication we hope you will encounter beautiful minds of chivalrous gentlemen and strong independent young ladies.

To all readers: Parents, pupils, friends, success is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing or learning to do.

May all our students graduating this year, carry all our hopes and dreams and fulfil them. Remember, where there is life, there is hope.

Thank you and God Bless.

Kavita Dhup Juneja



news

MAKERS

Student Council Investiture Ceremony



With much excitement & anticipation, our newly elected student council took part in the badge pinning ceremony and took their oaths at the investiture ceremony.

100% Attendance Award



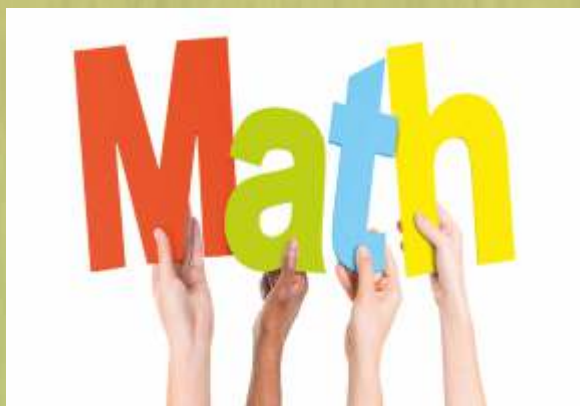
Students with 100% attendance for the academic year 2016-17 were awarded with appreciation certificates.

School Toppers Felicitation



The school felicitated the students who topped in different streams in the CBSE board exams for the academic year 2016.17. Indeed, you have made us proud.

The Math People



It is indeed a matter of pride for Indira National School to be associated with I-QUBE since the last three years. The students have hugely benefited from this association.

In the year 2016-17, a total of 383 students appeared for the I Qube examination, of which 180 meritorious students came out with flying colours.

Our young champs have displayed commendable performance and made us all proud yet again!

"Bansal Gauransh" of grade 4 stood first in the All India Super Meritorious League and was chosen the "I-QUBE School Ambassador" for the year 2016-17. He was felicitated with a Lenevo Laptop. Kshirsagar Ananya of grade 4 stood second and was awarded with an I Ball Netbook

Interschool Quiz Competition



An Inter School Quiz competition was hosted by Indira National School, Senior Secondary Section, on 30th August 2017. The two competing schools were Kendriya Vidyalaya and the home team, i.e. Indira National School. There were four teams (two from each school). A team from Kendriya Vidyalaya won the 1st prize and a team from Indira National School took the second prize. It was a great learning experience for everyone.

Drawing & Painting Inter School Competition



The school treasures budding artists and Palak Juneja of grade 7 has an uncanny way with colors and composition. She won the first prize at the Vidhyanchal Drawing and Painting Inter School Competition.

while Dhruv Joshi of grade 8 bagged the third place and won a sports kit!

A big congratulations to all our winners and participants! Wishing all the students the very best for the upcoming competitive exams.

Ms. Poonam Verma
I-Qube Coordinator



Parenting My Way

Dear Parents,

A few tips from my personal dairy:

1. Begin the day by spending at least 15 minutes with your child everyday before they leave for school...no matter what time you sleep.. chat that motivates and inspires them to feel better...feel important!
2. Plan their meals and snacks in consultation with them... even if I am travelling out of the country I plan my boys meals and am aware of their eating patterns(in school and home)
3. Remember, you are your child's first best friend and mentor...so share all your days happenings with them.. work wise and personally. (sometimes you get the best advice from them and they feel really good about it)!
4. Like me, many parents may not take the studies of their children, but be sure to know what has been given to them as homework every single day and keep a track if they have completed everything!
5. Plan all festivals and holidays in consultation with them ... clothes, menus, guest lists, your friends and their friends..
6. Be sure to be in touch with the parents of their best friends as it makes our kids feel that we are connected familially!
7. End each day by having dinner together and sharing the day and thoughts over various topics... no matter if we are going for a party later but have dinner with them first and then go out...

As a single parent I follow these religiously and I think I am on the right track..

But of course at the end of it I am human too and have my own life ... but to balance it out is the essence of our existence as parents!

Parents may get in touch with me on taritashankar@gmail.com for any personal chats...

God bless and best wishes!



Dr. Tarita Shankar

Chairperson,
Indira Group Of Institutes, Pune

Annual Day Celebration



Annual day celebrations bring out the creative best in students! One of the most anxiously awaited occasions in any school is its annual day. The preparations at Indira National School for the annual day began much ahead of the day itself. These are the grand events which schools conduct once in a year that bring teachers, students and parents and even the school management together. The celebration of Annual Day is crucial as it provides a platform for the students to showcase their talents. It is on this occasion that the children get a chance to step on to the stage and conquer their fear of speaking or performing in front of a large gathering. From academic point of view the school annual day celebrations are the best ways to present our culture to the students . Variety is the spice of

Story Telling Session



When people come together they make memories when Story Tellers and children come together they make History. Hindi Department of Indira National School hosted a one of its kind Story session in HINDI where famous story teller Dola Dasgupta and performance based story teller Vartika Gupta and Hindi poet Prashant joined hands with Namita Kichlu to light up the lives of students with stories of friendship, love and surprises. Children got to enjoy the charm of listening to stories for an entire morning. The 'Hasya Kavita' by Prashant was the surprise bonanza and everybody wanted to get an autograph from the poet. The rapt attention and smiles and laughter just refused to die .

Team INS

MUN Lead India Program for grade IV and V students



MUN Lead Program was conducted for grades 4 and 5. The students attended a beginners workshop to understand the aspects of a leader and inculcate the qualities of an effective leader.

life. Life without feasts and celebrations is charmless and lifeless. So is true in case of school life. Without functions and celebrations school life becomes monotonous and uninteresting. The main purpose of this function was to thank and appreciate the parents and the guardians of children, who have helped the school authorities in the process of education. It is a day of thanksgiving. The function started with the welcoming of the Chief Guest and the special invitees. The cultural programme commenced with a few words C.E.P. Mrs. Geeta Pillai stating the purpose of the function and inviting every one to relax and enjoy the performances of the children. Cultural dances, songs and short music plays made the entire program lively and thrilling. At the end, the honorable Director Dr. Tarita Shankar applauded the school for its all round success and wished for better future of the students. This was followed by the National Anthem and with that the celebration ended.

Kavita Dhup Juneja



STRANGERS TO OURSELVES

Accepting yourself in this world, which gains from your self-doubt, is no less than an achievement.

'Uncertainty and anxiety about yourself, or lack of confidence' that's how the dictionary defines 'insecurity', a word people use so frequently. Well, insecurity is so much more than 'anxiety' and 'uncertainty'.

"I am not good enough"- the one phrase we get to hear from our friends, different people and sometimes we tell ourselves. May be you have friends who might be better than you in some way or the other, but you aren't flawed either. You still feel the urge to be better than them, which in turn makes you feel sad, you don't realise, you have your own strengths and strong points which go down the drain when you compare yourself to others. Comparing yourself to an extent is fine, actually a bit of comparison is beneficial as it makes you work more efficiently, but when the comparing issue goes on intensively, it could lead to serious health and mental issues. We are all familiar with our parents comparing us with others, or us comparing the things we have with what others have etc. It happens every where and everytime and this makes us so insecure about ourselves that we start doubting our capabilities and start playing the game 'pretend - this is not who I am but I will pretend to be a different person'. Why? Because we are scared, yes, scared for ourselves, scared of rejection, scared of being left out, which forces us to change ourselves into someone we are not.

Have you heard people say "I'll do anything to not lose my friend", this too is a form of insecurity, the fear of - 'losing our loved ones'. We constantly live in fear that we are never good enough for them.

You might also constantly catch yourself thinking about how you could be a better friend. But no, your friends are with you because they love you the way you are. If they wanted to leave you, they would have done that long back. Change yourself only to an extent agreeable to you or you end up being a stranger to yourself.

Mom says, "Don't talk to strangers." So, will you stop talking to yourself? Never change yourself to such an extent where you don't recognise who the real YOU is.

Harshita Sawhney, X Beta



PROACTIVE VS REACTIVE THINKING

What does it mean to be "proactive", as opposed to being "reactive"?

The word reactive implies, to do something in response to something else. For example, when someone pinches you, you react. You let the events set the agenda.

You're tossed and turned by the tides of life. Each new wave takes you by surprise. Huffing and puffing you scramble to react, in order to stay afloat.

In contrast, the image we associate with being proactive is that of being calm and composed under stress. In context with the previous analogy, let's say you are in choppy waters. You are at ease. It is not just that you anticipate the waves, you are in tune with them. You are not desperately trying to escape them, you are in sync with them.

It would be great to dance with the rhythm of life, using the ebb and flow of events as a source of energy, but this is possible for those who are endowed with a proactive attitude. Being proactive is not an inherent quality, it is rather a skill that needs to be cultivated and strengthened. In a nutshell, being proactive is the same thing as being reactive. The only difference is: you are reacting ahead of time.

Take the example of two swimmers in choppy waters. The difference between them is that the proactive swimmer anticipates the rough waves, whereas the reactive swimmer is painfully surprised by each wave.

The difference is one of perspective. The proactive swimmer sees the big picture: each wave is not an isolated incident, but is part of a pattern. While there is stress in dealing with difficult circumstances, there is a consistency and a logic to the environment. There is a degree of predictability.

Being proactive means taking responsibility for your life and actions rather than just watching how things happen. Are you being proactive or reactive?

Zeeshan Ansari, IX Omega

THE STORY OF A FLOWER

Once in mist land, when it was snowing very heavily.

A small flower begged for warmth, it was a water lily.

Days passed, but not a ray of sun touched the icy floor of earth.

And everyone in mist land wished to sit near the hearth.

From all of these, there was only one flower valiant.

Who was hopeful and proved to be braver than a giant.

She knew, one day she would hug the warmth of the sun.

And that the snow would surely get afraid and run.

That same day it snowed as if it would never stop.

Farmers became sad as it was sure to ruin their crop.

They all went inside their home, feeling miserable.

Cursing the lord, they all felt extremely horrible.

Outside the small water lily was surviving the snow storm.

It was really testing time as snow would cause great harm.

Suddenly a warm ray touched the cheek of the flower beautifully.

And it happily came out of its bud with her entire energy full.

Hope made the flower sail through hard testing time.

Thus, we must never assume that hoping is a crime.

Even if the poorest of the poor will hope in the almighty.

He too could become a wise person and very, very mighty.



Dhriti Jha, VII Gamma

FOOD FOR THOUGHT

She walked up to me, and asked,

"Penny for your thoughts?"

and I told her about my life, my work

While the angels and demons in my head fought.

I told her about my deepest desires,
good and bad alike.

and still, while I told her,
the opposing forces collide.

Now, the moment I was most anxious for,

her turn to tell me everything, all her fears and frights.

A beam of light, a blink of the eyes, and she disappeared into the night.

I remembered,

She had walked up to me, and asked, "Penny for your thoughts?"

And throughout the night, and the next day

in my head, the angels and demons fought.

My work was in shambles, my life torn apart.

All except for that mysterious woman,

who gave me food for thought.



Vedant Joshi, IX Gamma

HOPE

When we are lost and all alone, what boosts us and gives us the strength and courage to keep moving on even if only the slightest of light is visible on a long, dark road?.....It's HOPE. There are times when we have nothing and no one to rely

on, but one little feeling called hope. It isn't something that somebody puts inside you but something that takes birth on its own when you are in any kind of trouble. Hope arouses in anyone who believes that his/her will power can change anything and eventually lead him/her to the situation that he/she desires.

When we are hopeful, the tiniest of chance to set us free from the problem seems enough to pull us out to the colorful and happy world outside. Hope makes us optimistic and also aids other people around us to stay positive about everything that comes their way.

If you ever see anyone in an adversity around you, ask that person to keep HOPE.....as it means Hold On, Pain Ends.

Vasundhra Singh, X Delta





AN ODE TO SCHOOL FRIENDSHIP

"... Source of knowledge and friendship so rare..."

These were the words we used to say, without knowing what they conveyed.

Very same words when I now recall, a sigh escapes and a tear falls.

Memories so bright and fond, of friends we made and bonds we formed.

I could never thank my mates enough for the joyful memories they gave. So quickly the years went by, so silently the happiness waved 'bye'. Where would I be without them I wonder, the response as always- my life would be a blunder. If I can ever go back in time and do it again, there's nothing in the world I would want to change. A turn of events brought us together, made us more than friends and glued us forever.

As days go by and we fly far from the nest, we know we will have each others' back, during grief and our best.

Urvi Sharma , XI Beta Science



THE TAIL OF LIFE

My life has been on a roller coaster ride. Ups and downs I have dealt with all through. I have also had life lines all the way- my parents, some friends, my consoling soft toys and my tail.

The tail, the one which humans have has three parts. It is like a seatbelt in our roller coaster ride. Scientifically we don't have a tail, but emotionally, we do. As I said our tail has three parts- feelings , memories and a smile.

You must be mind boggled by now. So the question is why do I call this a tail? Let me come to your aid.

Think about it like this- how do monkeys use their tails? They swing from branch to branch to go higher. We use our tail to go higher in our life, fight difficulties and achieve something big. How do cows use their tails? To swat insects away. We use our tail to fight obstacles and move ahead to a goal. And how do dogs use their tails? Not all, but most of the dogs chase their tails. We do the same thing in a different way. We go back to our memories and get an indication on sometimes what to do next and what not to.

This was just about feelings and memories. I have used smile as a part of a tail as it is there with us in every obstacle-bump in our roller coaster ride. A smile is the key to unlock everyone's hearts. Smile heals broken hearts. Smile consoles. Smile builds confidence. It is a multipurpose inbuilt machine in us which helps us and others lead a good life. So carry your tail everywhere you go. " Think before you act." "Don't give up." And "Embrace all odds with a SMILE."

Satviki Das, VIII Gamma



WHAT THEY CAN'T SEE

*People are being mean
'Cause they have not yet seen
What actually I have been
They only see what's out
And scold all day out
They didn't see what's in
What actually I have been
They only see my shadow
But not my light which makes this shadow
They didn't see I ran all day long
Only while I rest before the dawn
People are being mean
Cause they have not yet seen
What actually I have been
I don't want sympathy
I just what your empathy
So you can see
What actually I have been*



Shriram Dhanasekaran
IX Alpha

LIFE LESSONS FROM A BABY GIRAFFE

Baby giraffes never go to school. They learn a very important lesson rather early in life. A lesson that all of us would do well to remember. The birth of a baby giraffe is quite an earth-shaking event. The baby falls from its mother's womb, some eight feet above the ground. It shrivels up and lies still, too weak to move.

The mother giraffe lovingly lowers her neck to kiss the baby giraffe. And then something incredible happens. It lifts her one long leg and kicks the baby giraffe, sending it flying up in the air and tumbling down on the ground. As the baby lies curled up, the mother kicks the baby again. And again. Until the baby giraffe, still trembling and tired, pushes its limbs and for the first time learns to stand on its feet.

Happy to see the baby standing on its own feet, the mother giraffe comes over and gives it yet another kick. The baby giraffe falls one more time, but now quickly recovers and stands up. Mama Giraffe is delighted.

She knows that her baby has learnt an important lesson: Never mind how hard you fall, always remember to pick yourself up and get back on your feet. Why does the mother giraffe do this? She knows that lions and leopards love giraffe meat. So, unless the baby giraffe quickly learns to stand and run with the pack, it will have no chance of survival. It also knows that the lessons we learn early on, become part of our habit, our instinct, and stand us in good stead all through our lives.

Learning to win in life is quite like learning to ride a bicycle. As you start to ride, you might fall and get bruised. It doesn't matter. You need to get back up and continue to ride. Fall one more time? Get back up again. That's all it takes. Learn to get back up every time you fall.

So, the next time you find a teacher or a parent correcting you, don't get upset with them. Like the mother giraffe, they may only be trying to teach you one of life's most important lessons. It doesn't matter how many times you fall. What matters is your ability to pick yourself up and stand on your feet once again.

Armaan J. Borkar, IV Theta



HER NEW FRIENDS

She found herself shivering in the eerie calm
Yet it was here that she found peace
She never really realized it before
But her best friends were the river and the trees

There was not a sound except for the lively rushing of the river nearby
Lying on the grass and staring at the blue sky

She felt that the world was hers
Her thoughts wandering,
her mind alert

Until she heard a rustle in the firs
The jingle jangles of their bangles
The pure beautiful music of their laughter

It annoyed her that they had come
Even in the little safe haven so secret
She turned to confront them but saw none

Only heard their laughter, their 'how do you dos?'
And it made her spine shiver, but she wasn't scared

She said, 'I'm fine, what about you?'
They laughed their pure laugh and whispered to her

Unseen by the busy world were her new friends

Known only to her, no one else
To her they were a symbol of trust
And a reassuring presence.....

Samreen Mukherjee, VIII Alpha

HILLS

*I was formed thousands of years ago,
By rocks and minerals,
sand and stone.
Upon me many creatures live ,
some very small and some massive.
I am the house of trees,
which provides us with gentle breeze,
I am the father of the streams,
Due to sunlight they all gleam.
Human beings live on me ,
And all of them cultivate on me.
from wheat, shorgam and rice,
To grams and millets and all things nice.
I am after all a Hill and I stand still.*

Rahil Prakash Kalaskar,
V Sigma





ANOTHER TURNING POINT, A FORK STUCK IN THE ROAD

Just like the song by Green Day, we tenth graders have reached one of the forks in our lives. Added to the sorrow of it being the last year, is the misery of writing a full portion board exam.

The day we started off as timid six-year olds, seems like yesterday. Time flies by and now here we stand as proud tenth graders with dreams, passions and expectations for our future lives. Everyone is putting in a great deal of effort to achieve their goal.

Tuitions and coaching classes take up all the time. The passions and hobbies some of us once nurtured have sprouted wings and flown away, leaving us far behind. Not all though, not all. There are still some who believe in balancing their hobbies and academics.

In a few months, it will be the end of the year. Exams will be written and results will be declared. Some will be at the top and some may not. These are the few months, we are told, we should cherish forever. Maybe they are, maybe they are not. Who knows?

Anyways, it is up to us to enjoy these few months. Cherish each moment and feel all the joys and sorrows. Live for the present, like there is no tomorrow. Well, here's looking forward to some fun-filled and happy but equally hardworking months. The flying passions should be caught up with, after this barrier of an exam is over. For those of us who are flying ahead with our passions and dreams, continue doing so. Ciao.

Dyuti Bobby,
X Delta

WHY THE BEAR HAS NO TAIL

Thousands of years ago all the animals on earth were without tails. When insects like flies and mosquitos pestered them, they were helpless against them. Since they did not have tails they could not drive the insects away. Thus all the animals on earth were troubled by insects. One day Lord Brahma called the animals for a meeting. The animals decided to discuss about the flies. Next morning the animals went to Lord Brahma and told that they were being disturbed by flies. Lord Brahma asked the animals, “What do you want?”. The animals asked for tails. Brahma told them that, “You will get your tails tomorrow morning. Please come here and get your tails.” All the animals were happy. The animals woke up in the morning and started going and they met the bear and asked him, “Bear, will you come with us?”. The Bear said, “I will sleep for sometime, eat my lunch and come there and take my tail.” Then the animals started moving. The fox was first to reach there. Fox told Lord Brahma, “ I am first, can I take my tail?” Brahma told, “Yes”. The fox took his tail and happily went away. Then all the animals came and took their tails. No tail was left when the bear came. So bear was left without a tail.



Moral of the story: Put first things first. Never be lazy to do even a smallest job.

Yamini Srilahari Sunkara, IV Beta

पाठशाला

जीवन जीने की कला हैं शाला
ज्ञान के मोतियों से बनी हैं माला
इस माला को और बढ़ाना हैं
हर बच्चे को स्कूल जाना हैं
सुनों गौर से मेरी बात
शिक्षा हैं ऐसी सौगात
सबकों पढ़ना पढ़ाना हैं
इस देश को उज्ज्वल बनाना हैं

Stuti Medalkar
VII Delta



बरसाती मौसम

बरसात आई, खूब मजा लाई
कड कड कड कड, बजिली बरसाई ।
बादल आए, छुपाछुपी खेलने,
सूरज मामा से, बरसात मे जीतने।
कभी सूरज होता तेज, बादल भी बरसते तेज।
इंद्रधनुष की बारी आई, सतरंगो की गाडी भी लाई।
धरती ने ओढी हरी साडी, खुश हुई दुनीया सारी।
दुख,दर्द बहाने आया, सुखो को सींचने आया।
ऐसा है ये प्यारा, बरसाती मौसम हमारा ।

Kalash Chaudhari
III Delta



LIFE IS BEAUTIFUL

You do not know the preciousness of earth,
You do not know how much it is worth,
If you are intelligent bright and wise,
You will certainly know its price.

Earth is full of crime and terror,
People learn it from films of horror,
But peace is always with the brave,
Who can face situation even in grave.

Army men and policemen,
Catch thieves even if they hide in their dens,
Such people who are dutiful,
Say that "life is beautiful".



Pratiksha Gupta, IX Beta

FEMINISM

"But am I a woman to be fairly abused? When I'm being harassed, every day by a man, and still am being insulted. When I'm being domestically violated, and not been given basic rights in this society. When girls are being killed even before they have seen the world, in their mother's womb. When women are being raped, and questioned upon their clothes, while the rapists are left without a single doubt. When victims like 'Nirbhaya' have been given their justice after much protests. When I am fighting battles in my mind, in this unfair society, and I'm called weak even when I let out a cry. Yes, I'm a girl. Yes, I'm a woman. Yes, I'm a mother. A female, being raped by a rapist once, but rather a million times by the society, every single day. Yes, I'm a feminist. And yes, I'm strong. We will fight. Fight till our woman, our girls, our mothers, get respect, and power in this society. And no, I'm not a girl to be fairly abused. This will end. For WE stand strong, strong before this unfair society, and their rather darkened mentality.

Shreeja Ravikiran Rao , IX Beta

THE BOOTSTRAP PARADOX

Time travel is unarguably the most intriguing aspect of science fiction. But as our understanding of the Universe evolved, we came to realize that time travel was closer to science fact than science fiction. This was brought in by none other than the famous Albert Einstein, whose paper-‘The Special Theory of Relativity’ left the scientific community awestruck. It elegantly interwove the concept of space and time into a single continuum-the space-time continuum; it is the underlying constituent of reality. Now Einstein developed his theories further and then realized that he had theorized something called a ‘Closed Timelike Curve’ or a ‘CTC’. I’m not going to delve into the scientific explanation of CTCs but I can tell you this: They’re nature’s time machines. This posed some serious issues, because time travel into the past would lead to a lot of paradoxes. It is mind boggling, audacious and even outrageous for some part of the physics community. These temporal paradoxes were already conjectured by several science fiction writers, the most famous being ‘The Grandfather Paradox’. But that’s well known; here, we’re going to delve into a much less heard of paradox. It’s so intriguing that it seems to defy the very meaning of creation. This paradox is called the Bootstrap Paradox.

For the sake of the argument, let’s ignore the scientific conundrum and consider that time travel is possible. Now, let’s imagine that Bill (our time traveler) found some blueprints for a time machine and then builds the time machine. He uses it to go back in time; Bill runs to his house and comes back but in the process he forgets his blueprints there. The original Bill (the one who hadn’t travelled into the past yet) finds the blueprints and then uses it to build a time machine. This begs the obvious question-Where did the blueprint come from? It couldn’t have come from Bill as it came from himself. This means that the blueprint, when sent back in time, has no discernible point of origin. It becomes trapped within an infinite cause-effect loop. This led many to believe that time travel into the past is impossible, Einstein himself labeled CTCs as ‘rubbish’. But the mathematics seems legit. Is it a sign that our understanding is breaking down? A possible solution is that when Bill travels into the past, he escapes into a parallel universe thereby altogether avoiding his own timeline. But who knows? The theory is all set. All we need now is the technology. But after all the Special Theory of relativity is just that-A theory. It could open a new understanding of the universe or throw us down a blind alley. But whichever turns out to be true, there’s one thing I’m sure of. The journey will be full of surprises.

Soham Atkar, X Delta



think

PUN FUN

Want to know animal puns to impress your friends? Here are some ! Go show off with your new found knowledge!

1. The best way to communicate with a fish is to drop them a line.
2. He bought a donkey because he thought he might get a kick out of it.
3. In the winter my dog wears his coat, but in the summer he wears his coat and pants.
4. A chicken crossing the road is poultry in motion.
5. Why are fish so smart? Because they live in schools.
6. What do you get from a pampered cow? Spoiled milk.



Swetanshu Pati
VIII Delta

THE GREAT SCIENCE WORD PUZZLE

s	c	i	m	a	n	y	d	o	m	r	e	h	t	U
b	s	n	o	r	t	c	e	l	e	j	n	z	y	C
s	m	z	p	s	m	n	i	w	r	a	d	o	x	n
u	t	b	a	o	q	a	t	o	h	g	d	m	f	o
e	p	k	d	a	m	z	e	x	w	a	f	d	g	t
l	d	a	b	d	u	l	w	s	l	t	r	x	s	w
c	g	r	a	v	i	t	y	s	b	o	n	e	b	E
u	b	p	o	l	c	p	e	u	f	o	m	u	j	n
n	a	u	a	r	l	t	u	r	r	y	b	r	s	y
m	r	g	l	q	a	m	e	j	z	w	d	a	k	x
p	i	i	f	l	c	h	o	n	p	o	z	r	q	p
z	u	g	o	d	t	m	e	i	n	s	y	c	n	m
E	m	k	m	u	w	o	r	s	a	p	n	b	o	k
n	i	m	r	w	e	i	n	s	t	e	i	n	r	j
n	o	w	m	o	f	q	p	o	w	m	o	p	e	l
i	z	c	h	a	n	d	r	a	b	o	s	e	o	p
l	k	j	t	h	e	r	m	o	r	e	l	p	e	k

WORDS TO BE FOUND : 1. Albert Einstein [marked as Einstein] Gravity 2. Barium 3. Jagdish Chandra Bose [marked as Chandra Bose] 4. CalciumJohannes Kepler [marked as Kepler] 5. Charles Darwin [marked as Darwin] 6. Isaac Newton [marked as Newton] 7. Electrons 8. Nikola Tesla 9. Enzymes 10. Nucleus 11. Galileo Galilei 12. Ernest Rutherford [marked as Rutherford] [Marked as Galileo] 13. Thermodynamics

Ishan Patil, VII Delta

Quiz

1. What do you call two witches who live together?
2. What snacks do you serve at a robot party?
3. It can be cracked, It can be made, it can be played. What is it?
4. I repeat only the last word you say.The more I repeat, the softer I get. I cannot be seen but can be heard. What am I ?
5. If a blue house is made out of blue bricks, a yellow house is made out of yellow bricks and a pink house is made out of pink bricks, what is a green house made of ?
6. You may enter, but you may not come in, I have space but no room, I have keys but open no lock. What am I?

ANSWER : 1. Broom mates 2. Assorted nuts 3. Jokes 4. An echo 5. Glass 6. A computer

Tanishka Reddy, V Beta

tank



THE FLOWER PUZZLE

S	T	U	L	I	P	S	S
A	U	B	C	D	E	U	F
G	S	N	H	I	N	J	J
L	U	M	F	F	N	O	P
Q	N	T	L	L	R	T	S
U	F	O	U	V	O	U	W
X	L	X	Z	L	T	W	A
E	O	B	D	O	T	I	E
C	W	D	L	I	L	Y	P
E	E	R	O	S	E	F	G
H	R	I	G	J	K	L	M
H	I	B	I	S	C	U	S
N	O	P	R	Q	R	S	T
U	V	X	A	O	X	Y	Z
J	A	S	M	I	N	E	U

FLOWERS :

1. Sunflower 2. Hibiscus 3. Marigold 4. Jasmine
5. Rose 6. Lily 7. Lotus 8. Tulip

Urvi Padmawar, IV Sigma

Jokes

- ☺ TEACHER : Pappu, How do you spell “crocodile”?
PAPPU : “K-R-O-K-O-D-A-I-L” !
TEACHER : No, that's wrong.
PAPPU : Maybe it's wrong. but you asked me how i spell it.
- ☺ TEACHER : Pappu, tell me frankly do you say prayers before eating?
PAPPU : No sir, I don't have to, my mother is a good cock.
- ☺ TEACHER : Pappu, your composition on “My Dog” is exactly the same as your brother's. Did you copy this ?
PAPPU : No, Teacher, it's the same dog.
- ☺ Teacher: What are some products of the West Indies?
Student: I don't know.
Teacher: Of course, you do. Where do you get sugar from?
Student: We borrow it from our neighbour.
- ☺ Teacher: Could you please pay a little attention here?
Student: yes mam, I am paying as little attention as I can. !!
- ☺ Student 1 :Do you want to hear a dirty joke?
Student 2: Okay
Student 1: A white horse fell in the mud.
- ☺ Teacher: “Who can tell me what 7 times 6 is?”
Student: “It is 42, ma’am!”
Teacher: “Great, and who will tell me what 6 times 7 is?”
Same student: “It is 24, ma’am.”



Krishna Patil, III Beta

MATH MANIA

- Gorillas can catch human colds and other illnesses.
 - A newborn Chinese water deer is so small it can almost be held in the palm of the hand.
 - Ostriches can run faster than horses, and the males can roar like lions.
 - A lion in the wild usually makes no more than twenty kills a year.
 - The female lion does ninety percent of the hunting.
 - The world’s smallest dog was a Yorkshire Terrier, which weighed just four ounces.
 - Turtles, water snakes, crocodiles, alligators, dolphins, whales, and other water going creatures will drown if kept underwater too long.
 - Almost half the pigs in the world are kept by farmers in China.
 - On average, dogs have better eyesight than humans, although not as colorful.
 - Deer have no gall bladders.
 - There is an average of 50,000 spiders per acre in green areas.
 - Snakes are carnivores, which means they only eat animals, often small ones such as insects, birds, frogs and other small mammals.
 - In Alaska it is illegal to whisper in someone’s ear while they’re moose hunting.
- Sakshee Dhormale, VII Delta

RIDDLES

1. Tool of thief, toy of queen. Always used to be unseen. Sign of joy, sign of sorrow. Giving all likeness borrowed. What am I?
2. How many cats are in a small room if in each of the four corners a cat is sitting, and opposite each cat there sit three cats, and on each cat's tail another is sitting?
3. There was a man who was born before his father, killed his mother, and married his sister. Yet, there was nothing wrong with what he had done. Why?
4. Name an eight letter word that has kst in the middle, in the beginning, and at the end.
5. I move very slowly at an imperceptible rate, although I take my time, I am never late. I accompany life, and survive past demise, I am viewed with esteem in many women's eyes. What am I?
6. What word starting with BR, that with the addition of the letter E, becomes another word that sounds the same as the first?
7. You can carry it everywhere you go, and you do not get tired carrying it. What is it?

ANSWER : 1. Mask 2. Four cats, each near a tail of a cat in an adjacent corner 3. His father was in front of him when he was born, therefore he was born before him. His mother died while giving birth to him. Finally, he grew up to be a minister and conducted his sister's marriage ceremony. 4. Inkstand - kst is in the middle. "In" is the beginning, and "and" ends the word. 5. I am your hair 6. Brake becomes Break 7. Your name

Mrunal Nagpure , VII Alpha

baby

WORD SEARCH

A	Y	N	X	R	E	C	I	Z	M	P	Z	H	N	E
A	I	B	H	T	R	I	B	Y	O	F	R	Z	N	C
D	D	L	A	A	J	L	E	J	B	V	H	L	U	W
C	K	I	M	L	A	J	E	E	I	A	V	Y	R	A
N	R	A	A	N	L	B	V	L	L	W	B	N	S	F
P	M	I	K	P	U	U	O	T	E	G	B	E	E	A
S	A	E	B	N	E	Y	L	T	W	Z	V	X	R	M
E	T	C	D	Q	E	R	T	A	D	R	A	C	Y	Z
N	L	L	I	L	L	K	G	R	B	O	T	T	L	E
H	E	U	D	F	M	I	L	K	B	O	B	P	K	K
E	T	D	R	U	I	U	X	Q	V	W	B	B	X	S
M	U	D	B	O	P	E	L	D	D	A	W	S	F	R
C	I	N	X	P	A	J	R	M	G	D	W	S	I	R
D	P	A	G	Y	U	O	W	P	K	B	N	J	Z	X
G	L	G	V	O	U	Y	S	J	J	H	W	B	C	C

PACIFIER

BABY

BOTTLE

CUDDLE

LOVE

MILK

RATTLE

BIRTH

BUNDLE

DIAPER

LULLABY

MOBILE

SWADDLE

BLANKET

CRIB

JOY

MAMA

NURSERY

Anvi Tayal , VI Alpha

1. A and B are conversing. B has to find out A's daughters' age.
A: The product of my three daughters' age is 36.
B: I don't know their ages.
A: The sum of their ages is your house number.
B: I still don't know them.
A: The eldest one has blue eyes.
B: Now, I know their ages.
Find A's daughters' ages.



- Solution:**
1. We must start by factorizing 36.
 2. Arrange the factors in such a way that any of the three factors' product is 36.
 3. Then, since B is not able to figure out A's daughters' ages even after knowing that their sum is his house no. , we have to find 2 such combinations wherein the sum is same.
 4. We find that these are: 2,2,9 and 1,6,6.
 5. Then since the man says that his 'eldest" daughter has blue eyes, it follows that there is one eldest daughter whose age is different from the other 2.Hence, it cannot be 1,6,6 as there are 2 daughters of 6 yrs. Hence A's daughters' age are 9,2 and 2 yrs.
 6. You have 10 boxes of balls (each ball weighing exactly 10 gm) with one box with defective balls (each one of the defective balls weigh 9 gm). You are given an electronic weighing machine and only one chance at it. How will find out which box has the defective balls?

- Solution:**
1. We will start by taking one ball from the first box, two balls from the second box and so on....
 2. This sums upto 55 balls
 3. Ideally if there are no defective balls, the weight of the balls would be 550 gms.
 4. Suppose the first bag have defective balls then there will be a difference of 1 gm.
 5. Suppose the second bag has defective balls then there will be a difference of 2 gms.
 6. Depending on the value of the difference observed we can determine the box which has defective balls.

Harrithha, X Delta

RIDDLES

1. Through a green glass door a puppy can go in a dog cannot , office can go in building cannot , tree can go in plant cannot , bottle can go in water cannot. Why?
2. In a circular building in the market, a murder took place. Three people were suspected. The first person said that he was not in town at that time. The second person said he was sitting in a corner of the top floor watching movie. Third person said he was partying with friends. Who was the murderer?
3. In a one storey building, the chair, sofa, television , table, kitchen, bed everything is pink. What is the color of the stairs?
4. A book has 64 pages. 32 pages tear. How many pages are left?
5. What is yours, but others use it more often?
6. What five letter word becomes shorter when you add two more letters to it?
7. If a chicken says that all chickens are liars, is he saying the truth?



ANSWER : 1. Green, Glass, Door have double letters. Similarly words having double letters can only go in. 2. The second person as there is no corner in a circular building. 3. It is a one storey building, it does not have stairs. 4. If 32 pages tear others will not remain stuck. The answer is 0. 5. Your name. 6. Short. 7. No, all chickens are liars.

Ananya Lapalikar, V Alpha



SPORTS ACHIEVEMENTS

Table Tennis INS Team in the Z.P. Interschool Competition



The Table Tennis teams from Indira National School did an outstanding job at the Interschool Z.P. competition. The results for the same are:

U-14 Boys 1st place

U-17 Girls 3rd place

U-17 Boys 3rd place

U-19 Boys 1st place

PROUD MOMENT FOR INS



Our under **17 BOYS ROLLBALL TEAM** won the Z.P. match by securing 1st place. Final match was between INS vs Kamalnyan Bajaj high school. We won the match by 4-3.

Our team has been qualified for the zonals which will be this month..



TAEKWONDO Z.P. INTERSCHOOL COMPETITION

The Taekwondo Z.P. event was held in August, and Indira National School is proud to announce the names of the winners from our school

TAEKWONDO

1. Mabel George, of class 8th Delta won the Gold medal in the Under 17 age group - in the 44 to 46 kg category.
2. Anshika Singh, of class 10th Gamma won the Gold medal in Under 17 age group – in the 52-58 kg category
3. Dyuti Bobby won the Silver medal in the Under 17 age group – in the 60 – 63 kg category
4. Ravleen Siyan of class 9th Alpha won the Bronze medal in the Under 17 age group in the 44-46 kg category
5. Om Badhane of class 6th Sigma won the silver medal in the Under 14 age group in the 22-24 kg category
6. Riya Mahabal of class 6th Alpha won the Silver medal in the under 14 age group in the 26 – 28 kg category

JUDO

1. Atharv Satpute of class 10th Gamma won the Silver medal in the under 17 age group in the 54 – 60 kg category

गून्ज.. GOONJ... a voice, an effort



Indira National School in collaboration with Goonj (NGO) organised a collection camp as part of its annual CSR activity. Goonj is working to restore normalcy in the flood affected areas of Orissa, Rajasthan, Utrakhand, Gujrat, Bihar and West Bengal. The following New / used items in good usable condition were contributed for the 'Rahat Flood Relief Mission'.

Discard with Dignity : Saris, bed sheets, blankets, utensils, power banks and clothes were donated.

CSR Team INS



Art Zone




Vedant Gugale, IX Beta



Janisha Datta , I Theta



Janhvee Tulsani, IX Gamma



Sara Tendulkar, VII Delta



Priya Sharma, XI Science Beta



Devansh Gautam, VI Beta



Ved Kulkarni, 7 Delta



Kapinjal V., XII Alpha Commerce



Palak Juneja, VII Gamma



Anisha Pandey, IX Alpha



Sharvari Pisal, X Alpha



Diya Ramani, IX Sigma



DhruvJaisingpure, I Zeta



Paulami Dutta , VII Alpha



Prisha Sureka, VI Sigma



Anvi Tayal, VI Alpha



Janhvi Singh, VII Alpha



Janvi Yadav, III Alpha



Khushboo Burman, III Sigma



Sanyukta Mengle, VIII Delta



Oindrilla Pramanick, IV Beta



Shranaya Bhadwal, VIII Delta



Parnavi Ugalmugale, II Sigma



Pragya Pandey, X Alpha



Ruchin Kotia, II Alpha



Sharmila Pramanick, IV Beta



VIDHI BRAMHANKAR, IV Sigma



AADI MAHESHWARI, II Beta



Sharika Dhakappa, IX Sigma



Shruti Rajesh, IX Delta



Rijul Sitpure, VII Sigma



Jerusha Jayan, VI Delta



Reshma Tope, VIII Gamma



Apurva Ghawte, V Sigma



Dhruv Gupta, VI Beta



Message From Head Boy & Head Girl

Earlier this year, we were appointed as the head representatives of the student council. We express gratitude to those who believed in us and all those who gave us the opportunity to help in the betterment of the school.

We as a student council strive to create a harmonious environment for our school. Hence, we would like to ask everyone to help make our school an even friendlier environment. Be it sharing a smile in the corner, or sharing a good deed for somebody! Because in the end, it is our synergy that leads to happiness.

Till now, we could engage in healthy participation and learn lots in helping to influence others. We did have some setbacks and difficulties but the outcome and the knowledge that we gained from several experiences are unforgettable. As a leader, it is important to not just be able to facilitate management of events but also to be able to overcome problems.

And we feel honored to be entitled such responsibilities, and we promise we would work even harder and better, and synergize all that we gain from this experience.

To end, here's something that we should always remember:

“Strength doesn't come from what you can do. It comes from overcoming the things you once thought you couldn't.”

Aditya Grover & Bhairavi Bakhle
Senior Secondary Section

Message From Head Boy

“Coming together is beginning, keeping together is progress, working together is success.”

School is not only an infrastructure, but it is a practice for future; the things taught in school are not the education but it is the means of education.

Being a student for 8 long years in Indira National, I can assuredly say that it is the best institution to be in. It is the confluence of well educated 'guiding-lights' – the teachers, who burn themselves through their hard work to light up the developing candles; a perfect head to lead the institution – the principal, the other supporting staff who help us through their visible and invisible ways.

Undoubtedly, I can say that INS family is helping me to emerge as a good student with an influential and effective personality.

For me, being the head boy is not about the position or a title but it is about action and example which can make a difference. It is an honour and privilege for me to be the head boy of the school. I stand here as a leader not just to lead you but to work in collaboration with each one of you to achieve the best for our school. I promise to work hard with all my zeal, devotion and determination.

I will try my best and work persistently for the excellence of our school.

Let us show the world, the strength of unity.

Thank you.

Harit Mishra, X Alpha

Secondary Section



Message From Head Girl

Sitting in a line on the day of the investiture ceremony was not similar to any day in an assembly. Soon the posts began rolling out and the post I was looking forward to, was announced finally. As soon as they said 'HEAD GIRL' followed by my name, I thought I couldn't step ahead.

I have dreamt of holding this post for nine long years. Soon it seemed like a reality when a badge with immense responsibility was pinned onto my chest by Geeta maa'm.

The mist of enthusiasm, joy and pride took a back seat and I realized my challenging role as a 'HEAD GIRL'. Out of nowhere a mike was handed to me to speak a few words and I had no clue or preparation whatsoever. The speech turned out to be filled with um's, oh's and uh's. The speech I may want to forget but the day I will never forget.

A HEAD GIRL'S role entails one with a lot of responsibilities. On a personal front I am learning the task of putting first things first, organizing my thoughts and not pushing work on the next day. I am also disciplining myself more so that I can enable others to do the same. “Changing the attitude of students towards teachers, faculty members and bus attendees” is one of my top priorities as the HEAD GIRL.

I am also very fortunate to have a cooperative council to work by my side and I look forward to working with them to bring about a satisfying change. My good fortune extends to an amazing mix of teachers that I have whose guidance is inestimable.

Nyja Gowda, X Delta

Secondary Section

