



# Jyotirmoy

2ND EDITION 2020-21

WE ARE WHAT WE THINK.  
ALL ARISES WITH OUR THOUGHTS.  
WITH OUR THOUGHTS WE MAKE THE WORLD.

- BUDDHA



**JYOTIRMOY PUBLIC SCHOOL**

C.B.S.E. Affiliated Senior Secondary School. Affiliation No. 2430170



# EDITORIAL MESSAGE

Together we go,  
Together we seek  
Life's little beauties,  
Little subtleties.  
Let the seed of imagination  
Sprout in your mind,  
Believe in yourself  
And all would simply unwind.

**BELIEVE**, said Lord Jesus, and he who did, experienced miracles happening. That is the power of belief. In this period of uncertainty our children were the one's most vulnerable to helplessness, impermanency of life and depressions. Distracted by the agony around, many failed to see beyond the life of suffering and what the future holds for them. As educators, I firmly believe that the onus lies on us to expose our children to the smorgasbord of enigmas that they are yet to unravel. And every adventure to unfold the enigmas of life starts with little tiny steps.

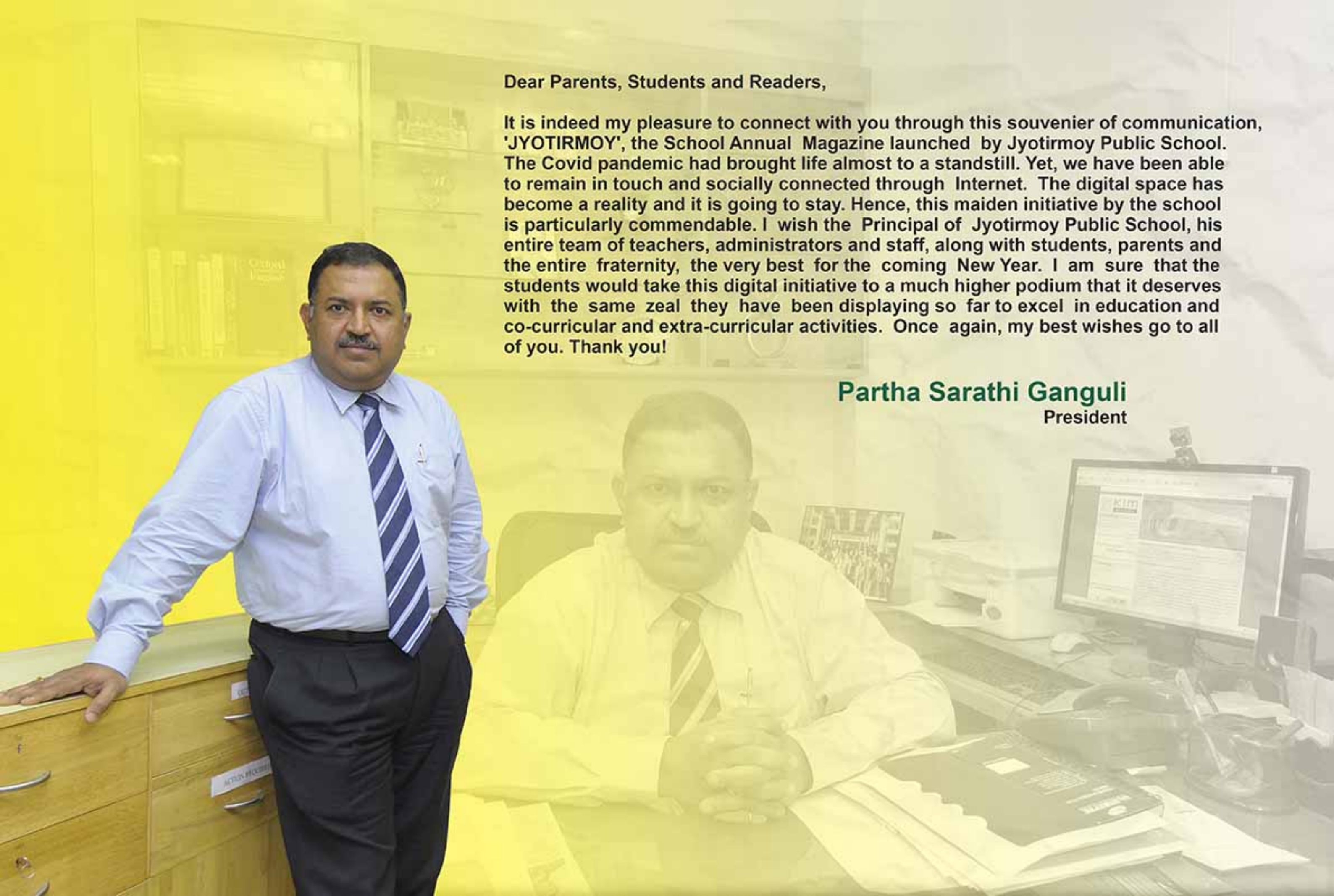
We at JPS, proudly present our second adventure- the School's e-magazine 'JYOTIRMOY'- a compendium of creativity, talent, hard work marinated with love and care. Caught between what has been and whatever is to come, the magazine inhaled the revelations of the compelled souls bound within four walls. Fastened and away from the hullabaloo of life, it opened doors for passionate expressions of writers, artists and poets. And, through words and art forms, it sought its way into 'JYOTIRMOY'.

This souvenir is our humble attempt to turn the raging cacophony of uncertainty into a sweet symphony of expressions. JYOTIRMOY isn't simply pages documenting one's creativity and the achievements of the school, but unfolds a world of dream where our kids can morph into anyone, anytime. And all they need to do is **BELIEVE**, for 'You are what you believe yourself to be'- Paulo Coelho.

It has been a privilege for the Editorial board to the unwrap and witness the passionate anthology of poems, articles, travelogues, stories and artworks morphing into our pride.

**Dear Readers, Welcome to the Realm of Imagination. Hope it satiates the reader in you!**  
**BONNE LECTURE!**





Dear Parents, Students and Readers,

It is indeed my pleasure to connect with you through this souvenir of communication, 'JYOTIRMOY', the School Annual Magazine launched by Jyotirmoy Public School. The Covid pandemic had brought life almost to a standstill. Yet, we have been able to remain in touch and socially connected through Internet. The digital space has become a reality and it is going to stay. Hence, this maiden initiative by the school is particularly commendable. I wish the Principal of Jyotirmoy Public School, his entire team of teachers, administrators and staff, along with students, parents and the entire fraternity, the very best for the coming New Year. I am sure that the students would take this digital initiative to a much higher podium that it deserves with the same zeal they have been displaying so far to excel in education and co-curricular and extra-curricular activities. Once again, my best wishes go to all of you. Thank you!

**Partha Sarathi Ganguli**  
President





**'Education is the kindling of a flame, not the filling of a vessel.' –Socrates**  
Jyotirmoy Public School always strives to make students, have an enjoyable and enriching learning experience. We all know that due to the on-going pandemic, schools have been majorly closed for almost a year and half now. However, that has not deterred the path to learning for our students. The School Management, Teachers and Support Staff stood together in the most difficult times that mankind has ever experienced in the recent history and has sustained like a winner. We are indebted to our Parents too, who have stood by the school and did not loose faith upon us.

**"Out of suffering have emerged the strongest souls; the most massive characters are seared with scars." – Khalil Gibran**

Our efforts get recognition with the achievement of our students. Though the Class X and XII Board Exams for the session 2020-21, were not held, however with the strict tabulation scheme, our students came out with flying colours in their Final Result of the two most important exams in their career. We had a 100% pass result in both Class X and XII. Our students are happily placed in different institutes of repute all across the Country and State in pursuing higher studies and we wish them success in all their endeavours.

Even during the on-going COVID 19 menace, our students have participated in many Inter School Competitions, at Local, State and National Levels and have made us all very proud with their achievements. Competitions though held virtually and under very challenging situations, our students have emerged victorious and made their mark in the hearts of all witnessing the competitions. We have been sharing all our Activities and Achievements on our Social Media pages and kept all updated on the same. Keeping students engaged with productive activities in the confines of their homes in itself was a huge challenge, that our Teachers have already successfully overcome. The eagerness, readiness and happiness that were shown while participating in different activities organised by the school is in itself a testimonial to the statement.

With the reopening of the School (presently for Classes IX to XII), we are extremely optimistic that children will have a safe and purposeful learning experience again and will be able to bridge up the learning gaps, if any, that happened under unavoidable circumstances.

This 2nd edition of 'Jyotirmoy' is an effort to showcase the exceptional talent and creativity of our budding writers. I sincerely congratulate the Editorial board and the children for their contributions in making an indelible mark in the history of JPS. Hope you enjoy reading!

**Sushant Das**  
Principal





**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL**  
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*Prof. Saikat Maitra*  
Vice Chancellor

### MESSAGE

5.10.2021

# OUR WELL WISHERS

I am very much glad to know that Jyotirmoy Public School is publishing the 2<sup>nd</sup> issue of its E-Magazine 'JYOTIRMOY', comprising of writings and information about creative activities of its students. In this context I wish to extend my sincerest appreciation to the authorities of Jyotirmoy Public School. I know how important it is to capture the variety of creative activities performed by the students, appreciating their exuberance of talent, especially in this pandemic situation. I truly admire the enormous effort put in by all people associated with it to make 'JYOTIRMOY' a success.

Firstly it takes huge effort to organise such programmes for the students. Secondly, there is a need to encourage them to continue such innovative activities for the betterment of student community.

I believe the 2<sup>nd</sup> issue of the E-Magazine will capture the attention of all the stakeholders through its kaleidoscopic content. All credit goes to the contributors of the articles and write-ups. I think, reading the Magazine will be a wonderful experience for all.

I congratulate the Principal, all the students, teachers, staff and management of the School for all this endeavour in publishing the Magazine.

Thanking you

Prof. Saikat Maitra

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# JPS TORCH BEARERS

## CLASS 12



**SOHINI DAS**  
SCIENCE TOPPER

**96.4%**



**SAHANI DAS**  
COMMERCE TOPPER

**91%**



**DWIPJAYIKA KAYAT**  
HUMANITIES TOPPER

**91.2%**

## CLASS 10



**ARATRIKA MAL**

**97.2%**



**PRITAM MAZUMDER**

**90.6%**



**RITIKA PRAMANICK**

**90.2%**



**SREEJA DAS**

**90.2%**



# HALL OF FAME

## Winners at National English Olympiad and National Maths Olympiad at International level

In the Olympiad Exams conducted in 2020-21 by the Science Olympiad Foundation, two of our students have performed exceptionally well and have successfully bagged medals from among millions of students, over 48000 schools and spread across 48 countries.



In the 2020-21 International English Olympiad, Ira Loskar a student of Class 11 (Bio Science) then, and presently in Class 12 (Bio Science) is not only the School Topper, but has secured the 2nd Rank in Zonal Level ( West Bengal Zone-2) and 21st Rank in International Level. She is awarded a Silver Medal for her achievement along with a Gift Voucher of Rs 1000/- and a Certificate of Zonal Excellence.

**IRA LOSKAR**  
**CLASS - 11**



In the 2020-21 International Mathematics Olympiad, Soumyajit Bhattacharya of Class 3 then, and presently in Class 4, is not only the School Topper, but has secured the 17th Rank in Zonal Level (West Bengal Zone-2) and 19th Rank in the International Level. He is awarded a Medal of Distinction along with a Certificate of Distinction.

**SOUMYAJIT BHATTACHARYA**  
**CLASS - 3**



# SHINING STARS

Regional and National CBSE Science exhibition. The theme this year was Water conservation. Jyotirmoy Public School had worked on two subthemes - Sustainable Agriculture practices and Resource Management. The project on agricultural practices - Integrated Farmyard Management has been nominated for the nationals. This is 4th time in a row, that we have been bagging this.



SCHOLASTIC  
CLASS TOPPERS,

SESSION  
2020-21



Debapriya Patra | Class 3  
Meghadri Sardar | Class 4  
Safalya Pal | Class 5  
Rifaah Tanwi Sekh | Class 6  
Rudra Narayan Mondal | Class 7  
Arya Bose | Class 8  
Debjit Sarkar | Class 9  
Raitah Zain | Class 11 Science  
Bidushi Purkait | Class 11 Commerce  
Bidisha Mondal | Class 11 Humanities



# OVER THE MOUNTAIN THROUGH THE WOODS

After a long interval of my annual examination me along with my family members went on exploring the breath taking beauty of the Eastern Himalayas. This is the place which never fails to attract people like magnet. Once people get the taste of venturing into this dreamland they can't get rid of it. So, the journey starts from New Jalpaiguri (NJP) Station through Teesta Torsha Express. The first thing we did after reaching NJP was to meet our tour guide who basically did all the arrangements starting from hotel booking, transportation, etc. The way from NJP to Darjeeling thrills me the most; there is a sudden rush in euphoric feelings that goes through me while getting the glimpse of green nurturing patches of forest. The best feeling is when I get to see the first mountain in the journey. From faraway it seems like a cloudy sky but soon after it turns out to be big giant mountains. While travelling through mountain road from NJP to Darjeeling the beauty of nature beckoned us to go to his door.



Big patches of clouds are climbing up along the hill sides. The weather was so pleasant and soothing that we couldn't feel the tiredness. The very next day at around 3:00 am we went out to witness the enjoy the heavenly scenario at the Tiger Hill. People were already waiting for the sun to rise up and there was the moment we were waiting for so long. It was all unclear and hazy at first but soon the Sun slowly rises up from the horizon making the sky vibrantly coloured and illuminating the peak. I was spellbound

to see the colour transition from reddish pink to orange to yellow and last icy white. Though the picturesque view couldn't be captured in our DSLR but got captured in our 576 megapixels camera ( human eye ). Basically, I have experienced heaven before going to heaven.



With this memory in mind we returned to our hotel for getting ready for the next spot. We were done having breakfast and took shower ( though I didn't want to ) and went for Lamahata Eco Park.



We bought tickets for all of us and we entered the park. The park was organised in a beautiful manner. The flower plantation at one side seemed like decoration with fake flowers but soon it proved us wrong.

In the whole garden the flowers were standing out among the (showstopper). We started to climb up the small hill to reach the lake which was at the peak of it. Many of us were hesitating at first whether we will be able



to reach upto there and soon the dilemma was over and decided to climb up as chance is only for once then why waste it. It was a thrilling adventurous feeling for me as I have never been on a trekking so I was enjoying at the fullest. As we were climbing up the place was getting less crowded, few managed to go at the top. After walking half of the distance we were too tired to carry on I got cramp on my legs. The Payne forest was getting closer to us; somehow it gave me chills as the place was similar to that of the place from Raaz movie.



We could feel the chilling cold around us as if we getting into a fridge. Somehow we managed to reach the top and it was worth it. The view was way beyond my imagination. An overwhelming feeling of joy and success after hard work took over me. Clouds from all over place gathered there to congratulate us for the success. It was dangerously beautiful to me. After a solid 30 min of the photo session we



decided to come back taking the short cut as it seemed like raining. We rushed a bit coz of the rain and soon reached near the parking lot and it started raining heavily. What a perfect timing! We had our lunch there and left for our hotel. We were so tired that we couldn't even open our eyes and had to take a short nap in the car; we were so brave that we didn't take any warm clothes as we were travelling in the summer and they dumbed us. Overall the day was full of excitement, thrills fun and many more emotions that I can't explain in words.

Lava is one of the memorable place that I have been. Lava is about 105 kms from NJP. It was almost 2 pm when we reached there; we had our lunch first and then went to our hotel to take a short nap as we were tired. After a sound sleep we were fully recharged and went for side scenes. It was colder than we thought but I was enjoying the chilling feelings. We reached the Kagyu Thekchen Ling Monastery by a short walk from our hotel.



While going there we took some candid photos with our cousins. As we reached the monastery we saw a group of Buddhist monks passing by us and this always makes me curious about their lifestyle. But we were unfortunate that we couldn't make it within the visiting hours. But we

enjoyed the outside view also. The sun was gradually going down the horizon making the nearby peak sun kissed.

We roamed there for few more minutes then returned back to the market of Lava. The smell of hot spicy momos made the rats run in our stomach and we hurriedly went there and ordered momos for us. After being full we went to each and every shop there. The people there are so kind and adorable that I can't stop praising them. They work so hard for living.

Anyways we were experimenting various items like hoodies, earrings, show pieces, umbrella and many more. Though I couldn't convince my mom to buy each and every product I wanted but still I was happy to get at least few of them. That evening went like that and after having dinner we straight came back to our hotel. Without



wasting much time, I drifted to my dreamland before exploring the next day. Next morning, we all woke up around 3:45am to see the sunrise from Rishop. But before that when we all were rushing to each other's room for toothpaste, I saw some black structures from the balcony, then I realised that it's the Kanchanjangha, we could see the glimpse of the peaks. Then after fully awakened by the scenery, we went to Rishop experiencing a very rough and narrow road. We were on time but the huge gang of clouds covered the area and stopped us seeing the sunrise. We waited for a long time sipping hot tea but nothing changed. Without wasting much time we came back to our hotel, had our breakfast and left for Kalimpong.

Kalimpong was basically a city including one and half mountain. The weather at Kalimpong was very comfy; neither too cold nor too hot. We reached our hotel, took the room keys and went to look for the best one in which we 4 cousins are going to live. At last we took the biggest room and landed our luggages there. Actually I have a habit of looking the bathrooms first before looking into the rooms. So ours was the best. We all took a long



bath, ready with our outfits and straight went to the food area. In mountains our stomach is not always full, the more we eat the more we want. So likewise it happened with us also, I ate like there's no tomorrow. From there we went for shopping. We reached the market early because at Kalimpong, all the shops are closed at 8:00pm. I bought a lot of things (after being scolded for convincing my mom) from my uncles, auntie etc. we ate pork, ice cream, pastries and many more. Not leaving any space for a glass of water to enter, I went to bed. The very following morning, we settled our luggages on the top of the cars as it was the last day for the tour and went for the huge Cactus garden. It was not so far from the



hotel but huge line was there. We bought the tickets and entered. Almost 500-600 species of cactus was there which I never knew it exists. And the names were more difficult. I was just shocked knowing that this type of plant also exists. There were so many colourful and bright cactus with flowers, snake - like - structure cactus which were bigger than my size, etc.

My mom loves plants; be it a flowering plant or a money plant..... She bought 4-5 cactuses after taking some learnings from the owner how to keep it. Wherever she sees plants, she took it from there. As we were getting late, we were coming down as our train from NJP was at 8:00pm. Coming back is the worst part in any journey for me. I miss the smell of mountains so bad, all the moments we enjoyed together, those thrills and everything. Going for a trip in the mountain is the best small break from our busy schedule. It was so refreshing that it won't leave my mind ever. But this is life; we have to get back to our work but I would never leave an opportunity when it comes to visit mountain.



# Riddles

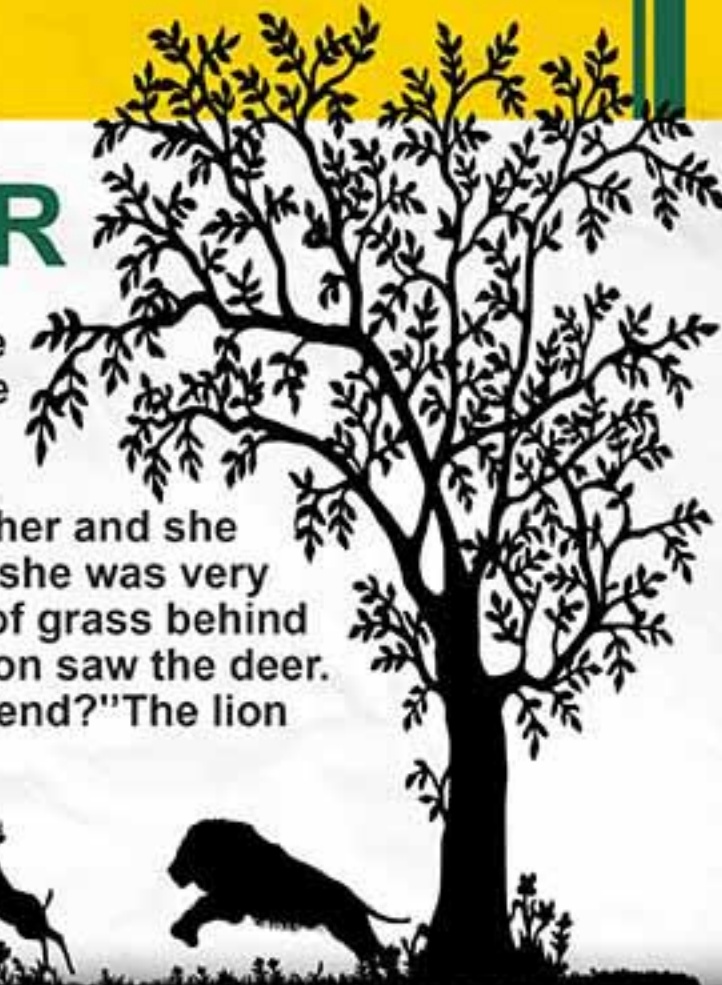
- 1 I have cities but no houses, forests but no trees, water but no fish. What am I?
- 2 Two fathers and two sons are going in a car but yet there are 3 people in the car. How?
- 3 What starts with a 't' ends with a 't' and is filled with 't'?
- 4 Eva's mother has 3 children - March and April what is the name of her first child?
- 5 What has to be broken before it is used?
- 6 What has a head and tail but no body?
- 7 It is so fragile that it is broken if you say its name. What is it?
- 8 Which building has most stories?
- 9 What tastes better than its smell?
- 10 You own this thing but other people use this more than you what is it?

# LION AND DEER

Once upon a time a lion lived in a jungle and a deer lived near the lion's den. One day he found some meat as he was walking around the jungle, that time he saw a deer eating grass. He jumped on her and she ran away and she was saved. Next day, she was very hungry and she saw a large garden full of grass behind her house. She started eating and the lion saw the deer. He asked the deer, "Can you be my friend?" The lion and the deer became friends.

Name - **Ananya Naskar**

Class 1 | Section A





# NO FLOWERS WITHOUT RAIN

At the end of June.  
In the drizzling monsoon.  
A seedling made its way to the plane.  
It did not know  
How the world goes.  
So it got all shattered by the rain.

Why does it need to get the worst?  
It was broken, before it could know it's worth.  
"Yet, nothing can stop me to rise" the younger one says.

Then the Autumn came to the big trees,  
Silently hushing through the branches.  
The olden leaves turned golden.  
September took what it wanted to take.

Why does it need to get the worst?  
It was stolen, before it could know its worth.  
"Yet, nothing can stop me to rise" the younger one says.

At the end of November.  
The tree was grown till December,  
but through its empty branches  
it silently sang a song.  
Under the blanket of snow and frost,  
the world grew colder like a white stone.

**Why does it need to get the worst?**  
**It was frozen, before it could know it's worth.**  
**"Yet, nothing can stop me to rise, this is a journey, we are not lost.**

**As it didn't give up, through the seasons, it stayed.**  
**A whistle from the corner, it heard and the cold heart was swayed.**



Looking up the sky, the clouds were pink.  
It wondered how something can change in just a blink.

Arriving the Spring told,  
none of its journey was wrong.  
A purple flower bloomed its branches.  
Another song may start at the end of every song.

Though all the pain, all the rain  
stayed on its roots, in its veins,  
but it realized that there is pain so there is gain.  
No flowers without rain.

It was all needed to get the worst.  
It shattered but shaped it to it's worth.  
Nothing could ever stop the Sun to rise.  
Behind the clouds or in a clear sky,  
nothing could ever stop the Sun to shine.

Name - **Anisa Chaudhry**  
Class 10 | Section A

## Answers

- 1 Answer: I am a map
- 2 Answer: there is a grandfather, father and a son
- 3 Answer: teapot
- 4 Answer: it's Eva
- 5 Answer: an egg
- 6 Answer: a coin
- 7 Answer: silence
- 8 Answer: library
- 9 Answer: your tongue
- 10 Answer: your name

Name - **Aditya Chatterjee**  
Class 6 | Section B



# WOES

After that obnoxious season of rain,  
The farmer collects all his grain.

The bairn goes outside to chase  
The kite with a beam on his face,  
For the season of exuberance has begun,  
For has re-emerged – the sun  
With the pleasant and refreshing climate.

The boffin whom everyone thought lame,  
And everybody assumed  
That with the help of his research he would not earn fame.  
Disheartened, he abandoned his work.  
But his sudden impulse to conclude it, made him get it restarted,  
For the pleasant and refreshing season has started  
To make one and all free from fear  
And to let them grin from ear-to-ear.

The one whose boom companion has left the world  
And had made him bereft for years and years,  
Now steadily returns back to his normal life with tears,  
Etched in his mind the memories of those days which he had spent  
With his bosom friend.  
And thus the grim stretch has come to an end.  
Add to that the new season has taught him the meaning of death,  
That is nobody can stop anybody from taking his last breath.

Each season proffers  
Folk with offers  
And provides them with at least one obstacle  
But we may make a debacle  
While we try to tackle  
With them.  
But they can never stop us from getting acclaimed  
As these pickles always have an end.

**Name - Arya Bose**  
Class 8 | Section A

# NOT AGAIN

Oh no!not again,  
I knew, I feared what lovingly I gained  
A spear sweet from the eyes of an angle  
Love of whom rapturous-  
Yet was to give pain.

I knew readily I was goin' to drown  
Into the bay of nothing-nothing,  
Would be in the world of starry nights  
And those deep oceanic blue eyes.

With the wings of Maleficent,  
Flying up high with all my strength-  
To move myself from the Goddess: Made in Elements  
Earthy with heavenly power!

That sketch in my thoughts , engraved like an epitaph in my heart  
At its core,  
Praying to the Almighty-  
For this beautiful jewel to restore  
And quiet my distressed  
Mind pool!

**Name - Debi Pal**  
Class 12

# SUMMER

Hot sun in the sky  
Past the birds that fly .  
Flowers in the ground  
Leaves turn around .

Swimming in the pool  
The water is so cool.  
Throughout the year we go through several tests,  
But summer is the best.

**Name - Debopriya Patra**  
Class 3 | Section A



# MRS. SEN AND HER MANGO TREE

Mrs. Sen, one of the richest folk  
In her locality,  
Had a ginormous estate  
In the outskirts of her city,  
From where she used to get her daily  
Supply of fruits and vegetables which used to feed her belly.

But nevertheless, there was a tree of mangoes with each mango tasting like a chalk.  
But what to do ? It was a ploy of her filthy fate  
Which had no sense  
That had made her hate  
The tree's presence.  
The mango tree yonder  
Stood there  
Had made her ponder  
What to do,  
Without further ado.  
And at last with her satanic mind,  
She managed to find  
A ruse which could end the hich which she was facing,  
Albeit its do's were a bit daring.

Ergo to finish her quandary,  
She collected all the mangoes from that tree  
And kept them in a basket, that she had got from her nearby grocery store for free  
And went across the boundary  
Of her land holding,  
To reach Mrs. Mitter's humble dwelling,  
Which was adjoined to her homestead.  
She rang the doorbell  
And a woman in simple attire with a tummy largely fed,  
Opened the door drinking a glass of Adam's ale.  
"Good morning, Mrs. Mitter. I have come here to give you these mangoes."  
she proffered politely.

" Thank you very much." she accepted soothingly.  
Subsequently, the latter asked the former to come inside her dwelling place  
But Mrs. Sen denied the offer cordially with an impish simper on her face.

Many a day passed after the day when she bamboozled her  
But astoundingly, it seemed that it had not riled Mrs. Mitter,  
For whenever they met each other,  
Mitter behaved with Sen in a friendly manner.  
This made Mrs. Sen understand that she had duped a schlepper,

But perchance, her supposition  
Was erroneous.

One day she invited her neighbours and dear ones to her son's  
birthday celebration  
At her habitation.

During the whole ceremony,  
She showed her palatial abode haughtily to everybody,  
Which manifested that she had a lot of money.  
Inevitably, her peeps and neighbours who were there to celebrate,  
Remained as pussilanimous as a ferret.  
Then after the get-together,  
She again offered a bag of mangoes to Mitter  
Who was wearing a jacket made of leather.  
She again took the present happily and commented, " Last time  
the mangoes were bitter."

" Then how did you eat them Mrs. Mitter ?"

" By keeping them in a container of rice for few days."

Hearing this, Mrs. Sen stumbled faintly.

"What happened Mrs. Sen ? Why did you slip ?"

" Mayhap, I need a good sleep." she suggested gently.

" Yes." Mrs. Mitter replied graciously

And Mrs. Sen went to her bedroom spontaneously.

Since then, Mrs. Sen has never given Mrs. Mitter a single mango  
And treats her as her foe.

Besides, after that she has never invited her  
To her magnificent house.

The inducement is still unclear to the latter  
For she has no nous.

If anybody knows the reason,

Kindly tell it to this doltish person !

Name - Arya Bose  
Class 8 | Section A



# DECEPTION

It was raining heavily, the streetlights had gone off, and I was returning home the same way I had gone. Oh no! I should have done it, I shouldn't have let him go. The only thing worse than having a killer with a gun chasing you is having a killer chasing you with a gun in complete darkness, and the funny part is, the only solace in such a situation is that it is dark all around. We could only see each other momentarily when the vicinity would be lit by lightning. The distance between us had gradually increased, thanks to my running skills. The sound that I heard next was not a pleasant one, neither was it a surprising one. He was trying to shoot me a couple of times, in vain, giving a momentary yellowish glow to the rain drops. I wondered, why would the boss refuse me a gun. Another lightning showed a giant tree to my side. I hid behind it, waiting for the next lightning, which revealed me a silhouette, striding towards me murderously. I took out my dagger and threw it towards him. It is coincidental, purely coincidental, that when the police found him later, they found that the dagger had hit his right eye, making a complete mess of some whitish liquid and a pool of blood. They informed me that his name was John Lennon, a contract killer in profession and works for some Mr. Victor, who is the most powerful gangster of the area.

I wrote down everything that had happened to me the last night, stating that my actions were purely for self-defence, lest I would have been killed. I signed it and handed it over to the officer. He told me to go home but warned me, that I may be called anytime for legal issues. I am walking down the road, towards home and I see a phone booth to my side. I get in, drop a coin, and I make the call I was supposed to make last night. He picks up. I say "The work is done Mr. Victor. The one who had betrayed you has met his demise."

Name - **Ritankar Roy**  
Class 10

1. **Teacher** – Which one is closer, Sun or Africa?"

**Johnny** - Sun

**Teacher** – Why ?

**Johnny** - We can see sun, but can't see Africa.

2. **Mother** - Why did you get such low marks in test?

**Kevin** – Because of absence.

**Mother** – You mean you were absent on the day of the test ?

**Kevin** – No, but the kid who sits next to me was absent.

Name - **Dwipanaita Das**

Class 5 | Section A

## JOKES

3. **Teacher** – Why are you late Joseph?

**Joseph** – Because of a sign down the road.

**Teacher** – What does a sign have to do with you being late?

**Joseph** - The sign said : SCHOOL IS AHEAD GO SLOW.



# HAPPINESS IS HOMEMADE

Talking about happiness, for me, it is food. It is indeed a thing that can make a person cherish any moment. For example-In any special moment like wedding, party etc. that a person wants to remember for lifetime includes food as well. Maybe it's not focused sometimes but food indeed is an important part of our life. From a kid to a young adult, everyone knows about Maggie. It is an instant noodles under the company 'Nestle'. Though a few knows the history, I would like to share some. It was first invented in the mid 19th century in Switzerland by a guy called Julius Maggi. But it first arrived in India in 1983. For me it's an emotion. The texture and taste make me feel calm, happy specially when it is made soupy. It plays a very important role in late night studies. Since it's easy to make and takes less time and the cost is so much pocket friendly, it is a very famous brand in India. Though it's not super healthy but who doesn't like to eat junk. I can remember those days when I used to wait eagerly at the dinner table when my mom used to tell that she was making Maggie. Licking the plate and making it shine like a new plate was a kind of ritual. The smell of magic masala is great after all. Maggie is and always will be a sweet memory to be cherished.



**Name - Debolina Mondal**  
Class 10

## STAYING IN THE SHADE

Staying in the shade was easier because the Sun burnt my skin.  
Staying in the shade was easier because I could not stand in the rain and in the winds.

Staying in the shade was easier but that is not what life is for.  
Life offers opportunities for us to swim and one must not just remain ashore.

I took a chance, came out of the shade,  
jumped into the ocean of life, left the shore far behind and now, I am ahead.

I left some fears in that shade and some seeped beneath the ocean.  
And the Sun will surely burn the fears that still remain.

Had I not left the shade, I would have never swam this far.  
Had I not left the shade, my fears would have stayed forever and left deep scars.

Staying in the shade was easier  
but swimming through life and being in the Sun is what I find better.

Now, I know that comfort should be risked  
because life is not to be scared of and is to be truly lived.

**Name - Sohini Das**  
Class 12



# A BIRD THAT SANG

A beautiful hillside with silence and peace prevailing all around it, is a wonderful place for a twelve year old kid who wants to explore the beauty of nature. But the evergreen mountains don't have the luck to get explored. Who will come to explore this isolated area, deserted by people years ago? The nature felt lucky when an old lady with an one year old boy stepped into this isolated area. They were dressed in rags; their appearance suggested that they were very poor. As days passed, the child grew up to be handsome and strong with curly hair and was named Henry. As he reached the age of five, he and his grandmother realized that god had not given Henry the ability to stand on his own feet. A small hut with broken windows was the only place he knew. The big world outside, the hills, the forests, the birds, the flowers were all unknown to Henry.



"I am going to collect some wood; I'll be back by twilight. Until I come back, be a good boy, won't you?" said grandma. "Yes, grandma" answered Henry. He sat near the window looking outside. He was thinking about his disabilities. Whenever he tried to enjoy nature's beauty, his mind came back towards his very own problem. He sat still looking at the black rough trees. Birds flew around happily, aiming to touch the red round sun. As Henry was taking his eyes off the birds, a deep melodious voice forced him to look back. As the voice continued singing, Henry looked at the branches carefully and soon found the small singer. Its musical and deep voice somehow hypnotised Henry and he was looking straight at the birds shiny, black eyes. As days passed by, he began to wait and search for the melodious voice. He was thirsty for the voice. Suddenly, one day when Henry was looking at the branches, searching that bird, his eyes fell on the gloomy black clouds roaming around mysteriously in the sky. Henry asked his grandma about the gloomy sky; grandma said it might rain. Grandma's prophecy proved to be wrong. A violent storm broke out that afternoon. Nature showed its angry face like a child who is disgusted at his abnormal appearance. The next day after grandma had returned from her work, Henry asked her where the birds had gone as he could see no bird. Grandma answered in a serious tone that the birds might have died due to the fierce storm. Tears gushed forth from Henry's eyes as he felt that he would never see the bird again. From that day his life became meaningless. A feeling of melancholy engulfed his spirit. Days passed by as they always do. One day when he was sitting near the window, thinking about the bird, a wind blew and something fell near his feet. Looking down he noticed a blue-red feather. He picked it up. Then suddenly he heard a sound; looking outside the window he saw a little bird with blue-red feathers and dark eyes. It was looking at Henry and hypnotising him again. A flower bloomed near the window taking part in the happiest moment of his life. A blue butterfly, flying happily near the small flower, added flavour to his happiness. Henry smiled at the bird and cried out fervently, "Live little bird! Live! You have to live for me."

Name - Ivy Sanphui - Class 8

# MY TIGER

I am a pet lover. I have ten cats and a dog at my home. My pet dog's name is 'Tiger'. He is mischievous but both responsible and mature at the same time. He never troubles me much. One day during lockdown, my mother was suffering from serious migraine. So my father decided to take her to a neurologist. As per Covid-19 guidelines, children weren't allowed to travel unless sick or some serious emergency. Hence, I had to stay at home when my parents went to hospital. Later when I wanted to use the washroom I slipped and fell down. My nose got injured and I immediately started applying ice but the injury was so severe that the bleeding wasn't stopping. I was crying in pain. Suddenly Tiger ran away somewhere and I couldn't stop him as I was not in a state to do so. All I could do was to wait for my parents for few hours. About 15 minutes later



someone rang the bell. I stood up in pain to see who was at the doorstep I was surprised to find Mr. Rao, our family doctor standing. I told him about my injury and then he treated my wound. Then he informed everything to my parents. Being astonished, I asked him that how he knew that I was in trouble. He told me that when he was about to close his clinic, Tiger went there and started crying and barking loudly. Mr. Rao recognized Tiger but he was blank about the reasons behind his weird activities until he saw the napkin full of blood. It was the napkin that I used to clean my nose and Tiger took that to him. Mr. Rao sensed some danger and so he came to my home. When I saw Tiger, I hugged him tightly. Tears rolled down my eyes not because I was in pain but because I was proud and happy. This is one of my best memories till now.

Name - Sudeepti Bandyopadhyay - Class 9

## TRIVIA ABOUT SCIENCE

Brain is one of the amazing organ present in the human body which performs action faster than the super computer.

- ◆ There are 100 million microscopic cells called neurons which are a part of our nervous system.
- ◆ It takes about 3000 years to count all of our neurons.
- ◆ Albert Einstein had more cells in his brain compared to any normal brain.
- ◆ Despite being paralysed from amyotrophic lateral sclerosis (ALS), Stephen Hawking has authored numerous books throughout his career and contributed remarkably in the field of science. Ex: Black Hole theory which has helped us a lot regarding the understanding of the origin of the earth.

Name - Sumanta Ghosal - Class 4



# SOME POPULAR INDIAN STATE DANCE FORMS



## THE BIHU DANCE

is an indigenous folk dance from the state of Assam related to the Bihu festival and an important part of Assamese culture.

Performed in a group, the Bihu dancers are usually young men and women and the dancing style is characterized by brisk steps and rapid hand movement



## THE DHUNUCHI

is a funnel based earthen pot that has an open top. Dhunuchi, powered incense and burning coconut shells are placed inside the dhunuchi, with thick smoke rising from the pot. Dhunuchi's placed on palms, forehead and between their teeth, the dancers begin the balancing act to the tempo of the drum beat.

Dhunuchi dance is a traditional dance of West Bengal, which is mainly performed during our main festival Durga Puja



## BHANGRA

is a type of traditional dance of the Indian subcontinent, origination is Sialkot in the Majha area of Punjab. The dance was associated primarily with the spring harvest festival Baisakhi. In a typical performance, several dancers executed vigorous kicks, leaps and bends of the body to the accompaniment of short songs called boliyan and most significantly to the beat of a dhol. Struck with heavy beater on one end and with a lighter stick on the other, the dhol imbued the music with a syncopated, swinging rhythmic character that has generally remained the hallmark of any music that has come to bear the Bhangra name.



## GHOOMER

is a traditional folk dance of Rajasthan. The dance is chiefly performed by veiled women who wear flowing dresses called Ghaghara. It was ranked 4th in the list of "Top 10 local dances around the world" in 2013. The dance typically involves performers pirouetting while moving in and out of a wide circle.

Name - **Srija Sardar** - Class 2



# HARVEST HYMN

We spray the field and scatter  
The poison on the ground  
So that no wicked flowers  
Upon our farm be found.

We like whatever help us  
To line our purse with pence  
The twenty-four hour broiler-house  
And neat electric fence.

All concrete sheds around us  
And jaguars in the yard,  
The telly lounge and deep freeze  
Are ours, from working hard.

We fire the fields for harvest,  
The hedges swell the flame,  
The oak trees and the cottages  
From which our fathers came.  
We give no compensation  
The earth is ours today,  
And if we lose on arable,  
Then bungalows will pay.

All concrete sheds around us  
And jaguars in the yard,  
The telly lounge and deep freeze  
Are ours from working hard.

Name - **Safalya Pal**  
Class 5

# WOW BOY!

You look super cool,  
And your personality reaches a complete  
different height as you smoke,  
Most importantly you can woo anyone with that  
cigar between your lips!  
What if the packet warns you against smoking?  
It hardly matters, You are eighteen,

And who the hell the packet is to warn you?  
It gives you a taste of masculinity,  
It gives you a sense of maturity,

What if I say the tobacco blocks a thing known as 'lungs'?  
I am sure you would laugh out loud!  
Yeah that's how you look cool!  
And girl!

Please forgive me if I sound like an anti-feminist!  
How can you not smoke?  
It's quite a nice topic to be debated about gender equality!  
I support you completely;

Why can't you smoke when the boys can?  
Why won't you behave like the fools the way boys do?  
Of course its inequality if you don't !  
And it's a threat to your rights, Girls if you would not smoke!

Name - **Shubhangi Dutta**  
Class 5



# “WHERE THERE IS A WILL, THERE IS A WAY”

“Where there is a will, there is a way” is a familiar and well known saying but only a few understand and act upon it. This saying underlies a vital fact of life. All of us have ambition; everyone has the desire to fulfill that but not all of them are fulfilled, because of the lack of willpower.

Without determination and strong will, nothing can be achieved. When our desires are mere wishes, they are likely not to be satisfied for there is no perseverance, sustained efforts and required singleness of purposes at their back. Having will power is the most positive thinking that makes a person successful. Will power is a strong driving force that aids you in achieving your goals. We have many legendary figures who dreamt and achieved big just for their determination and will power.

If a person has a great potential of doing work within a short time, but no will power he cannot achieve his goals, there will be full of questions and confusions in his mind. We always have to discover our inner strength and work hard to develop natural talents within us to reach our dreams by fulfilling it. Thus, we need to focus on our goals to reach our destination because “Where there is a will, there is a way.”

**Name - Prachi Saha**  
Class 9



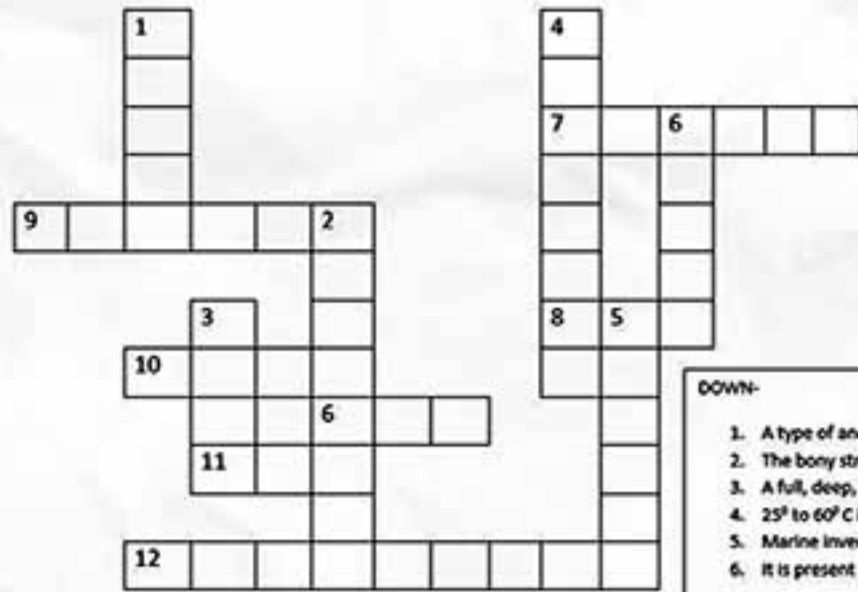
# THE HAUNTED HOUSE

In Burdwan city there were 4 friends, every day as they go home from school, they come upon an old stinking house on their way which was known as Vijay Manzil (Burdwan Rajbari). One day one of them challenged others to get in that house at night but since they all were kids, they all decided to get in that house together one night. According to their plan they all gathered in front of the house and one of them was very afraid to go inside but the other 3 were very excited to act in accordance with their plans. So, one by one they entered the lawn of the house by opening the big, rusted old gate, after entering the lawn they all felt a cold wind through their entire body. Then all of them entered the house, all around the house they found huge staircases, royal objects and the home was shattered in several places. They started discovering the house and began to open all of the rooms. After that, a thing happened that none of them expected, a huge white stuff was coming towards them and they all started running towards an old and massive staircase and went to the 1st floor but the white object was still behind them, so they tried to open the door towards which they were standing but they were not able to open it and as the white object was coming towards them so they all started screaming and then the twist happened, one of the edges of the white object stuck in a nail attached in the wall and the white cloth opened from a person running towards them, it was none other than a sneaky-thief whom the cops were searching for a long time, he was hiding in that house and making others afraid to stay away. After that the cops came and the thief was caught, while the cops were appreciating the children for their bravery one of them remembered that one of the doors in the 1st floor was not opening, so he observed the balcony in the 1st floor and at that moment he saw an old man was standing there, he shouted to everyone present there and told his friends about that man but no one believed him but that house is now used for Weddings & other special events hosting with a colorful, grand feel.

**Name - Pushkar Das**  
Class 9



# UNSOLVED CROSSWORD



Name - **Safalya Pal**  
Class 5

#### DOWN-

1. A type of ancient Roman rampart or embankment.
2. The bony structure of our body.
3. A full, deep, prolonged cry uttered by a lion or other large wild animal.
4. 25° to 60° C is the danger zone because it encourages the growth of this microorganism.
5. Marine invertebrates within the class Anthozoa of the phylum Cnidaria.
6. It is present in desert plants to store water.

#### ACROSS-

7. A type of fortified structure or synonym of palace or bastion.
8. Solid form of water.
9. A company of performers who put on diverse entertainment shows.
10. It is also called the "Black Gold".
11. Medium-sized, long-tailed, very intelligent rodent.
12. An uplifted landform which comes in three different types.

Having an intense temperature of 1,700 Fahrenheit, Erebus appears hot on inside but one can rapidly freeze if exposed to the outside icy temperature of Antarctica. It is notable for its numerous ice fumaroles - ice towers that form around gases that escape from vents on its surface. These gases not only shape the ice caves but also maintain the temperature of the caves at 32°. The volcanic gases eventually pass through the ice caves into the air to create 60 feet high layer of ice. Poisonous gases also come out of the tips of the ice tower. Though Mount Erebus can be trekked during summers, it is not an easy place to reach. In the year 1978 several scientists tried to access the interior cave to possibly gather samples. On December 23, an eruption took place, a volcanologist from New Zealand was close to reaching the interior crater, making Mount Erebus hostile to the outside world. The main types of microbes found there are Chloroflexi and Acidobacteria. On the flip side, however astrobiologists have a part to play where they can explore bacteria and fungi that thrive in such dark places.

Name - **Shubhangi Dutta**  
Class 6

# FIRE MAKES ICE

Mount Erebus volcano is situated on the Western Half of Antarctica's Ross Island. It is discovered by Polar explorer Sir James Clark Ross on 27 January, 1841. It is not only the world's southernmost active volcano but also the second-highest in Antarctica. Mount Erebus is classified as a polygenetic strato volcano. The bottom half of the volcano is a shield and the top half is stratocone. With an active lava lake and persistent volcanic eruptions, it has managed to create a perfect harmony between fire and ice.

Mount Erebus houses an active lava lake that is formed in the cavity of a volcano with abundant quantities of molten lava. It is also one among the five lava lakes in the world.

# NATURE

Nature is a calming and peaceful word...  
It comprises of tree, animals and birds..  
We have learnt to call it Mother Nature..  
But sadly we do is ruthless torture..  
Nature is so beautiful that it blows our mind..  
You can lose yourself in it or find yourself at the same time  
Let's be sensible humans and show our humanity....  
Let's protect mother nature for our community.

Name - **Shreyasi Mondal**  
Class 3



# THE TIME TRAVEL

Raghav was returning from his school with a poignant mood, as his results were out but it was horrific, when a car came and stopped just before him. A man with a long and curly hair along with a pale face came out of the car. "Sorry", the man replied, "I hope I haven't hurt you". The man started chatting with Raghav and within ten minutes they became good friends. The man invited him to his house. Raghav, who was reluctant to go home so early, followed him to his house.

On reaching his house the man took him to a dark hall and told; "You are so lucky to come here! My name is Pearl Minstu and I am a scientist. I have invented a time machine and you will be the second one to experience it after me". Raghav felt terribly excited on hearing this. Pearl took him to an underground chamber and made Raghav sit on a wheeled bench surrounded by a glass cover. "I will send you in 3021 that is, one thousand years from now. You will automatically come back after half an hour." Pearl said. Then, with a pressing of a button followed by an ear-splitting noise, a black curtain appeared in front of Raghav.

After a while the black screen wiped out and Raghav discovered himself all alone in the middle of a deserted and forlorn place. With great anxiety, Raghav walked along the road surrounded by tall and gorgeous buildings. The place was beautiful with complex roads and innovative towers with highways even inside rivers. But what surprised Raghav was that not a single form of life was visible. While roaming around the sophisticated city of an unknown country, Raghav put all his efforts, to investigate the sources of strange noises coming from some of the buildings, but was in vain. On being tired, he sat near the entrance of one of the houses when all of a sudden two mechanical hands came and drag him into the house! Raghav shouted as the hands put him on a floating chair. Then an old man came from the opposite door and pressed a button to bring Raghav back on the ground. "How can you be alive outside? Who are you?" The man asked. Raghav remained silence. The man continued on his own, "I have been living here for 108 years and now my age is 190 years. Fifty years ago the last specimen of plant on this earth was killed and so was the existence of natural oxygen."

"WHAT! There is no oxygen outside!" exclaimed Raghav. "No", the man replied, "We have artificial oxygen in our houses but that will not last anymore. The human beings are on the verge of its extinction. The curse of technology has taken the lives of all plant and animal species and now it's time for us. The atomic bombs have filled the outside air with radioactive materials and we are not allowed to go outside anymore. We have medicinal pills which need to be eaten to meet the demands of food and water for one month but that will also not last for a very long time. The rivers are polluted with harmful chemicals which are hazardous for living organisms. Our technology couldn't save millions from radio-exposure diseases which are taking the lives of people in just five minutes." The man stopped for a while. Again he continued, "Now, I shall not lose my energy by talking with you. Only you know that there are just six people remaining in this earth excluding you. The power of our technology couldn't withstand the wraths of the nature. Take this and go where ever you want" the old man gave a piece of a dried leaf to Raghav. "It was the last symbol of living plants in the planet" the man added. Again the mechanical hands lead Raghav out of the house. After coming out of the house, a full, deep cry surged near Raghav's throat. Is this the future of the earth? There will be no emotions, no feelings, and no joys all overthrown by the rapid environmental pollutions caused by technological advancements. And at last people need to sit in their houses and have no other choices but to witness the destruction of mankind. They can't do anything! All of a sudden the air became heavy and Raghav found himself struggling to breathe. Filled with terror, Raghav fell on the ground and a black screen appeared in front of his eyes.

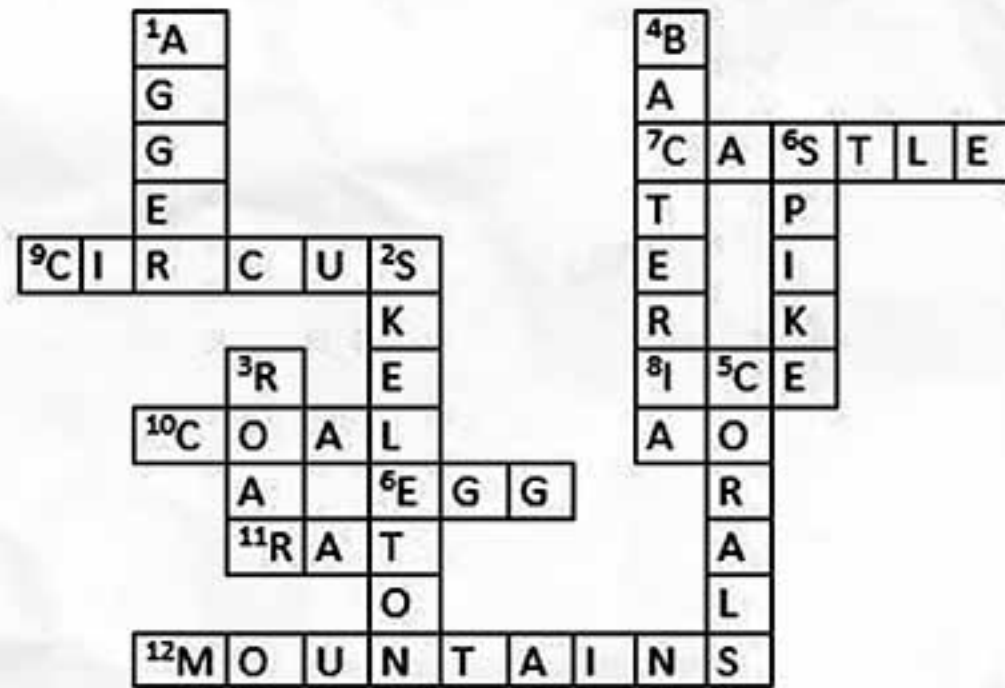
"Wake up fast"; Raghav could hear his mother's voice coming from a distant place. He hurriedly got up and felt relieved to see his mother in front of him. "You have to go to school. Today is your result." said his mother. Raghav was feeling dizzy. Does it mean that the time machine and the old man was a dream? Perhaps it was. On putting his hand under his pillow, Raghav's heart came to a standstill. Under his cushion lay the same tiny piece of dried leaf of the last living plant given to him by the old man. How could it be possible? After that incident Raghav became very conscious of environment and actively participated in campaigns related to conservation of nature. He took the responsibility of making people aware of the value of nature and the need for conservation.

It was still a mystery to him about what happened that night!

Name - **Pranjal Deb** - Class 9



# SOLVED CROSSWORD



## DOWN-

1. A type of ancient Roman rampart or embankment.
2. The bony structure of our body.
3. A full, deep, prolonged cry uttered by a lion or other large wild animal.
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5. Marine invertebrates within the class Anthozoa of the phylum Cnidaria.

## ACROSS-

6. A type of fortified structure or synonym of palace or bastion.
7. Solid form of water.
8. A company of performers who put on diverse entertainment shows.
9. It is also called the 'Black Gold'.
10. Medium-sized, long-tailed, very intelligent rodent.
11. An uplifted landform which comes in three different types.
12. Things dyed for easter

Name - **Safalya Pal**  
Class 5

# MY WAY OF LIFE

We both left home at 18,  
You cleared JEE  
I got recommended.  
You got IT,  
I got NDA.  
You persuaded your degree,  
I had the toughest training.  
Your day started at 7 and ended at 5,  
Mine started at 4 till 9;  
Some nights also included.  
You had your convocation ceremony,  
I had my POP.  
Best company took you and  
Best package was awarded,  
I was ordered to join my paltan  
With two stars piped on my shoulder.  
You got a job,  
I got a way of life.  
Every eve you got to see your family,  
Just wished I got to see my parents soon.  
You celebrated festivals with lights and music,  
I celebrated with my comrades in bunkers.  
We both married,  
Your wife got to see you everyday,  
My wife just wished I was alive.  
You were sent to buisness trips,  
I was sent on line of control.  
We both returned,  
Both wives couldn't control their tears, you wiped hers but I couldn't,  
You hugged her but  
I couldn't  
Because I was lying in the coffin,  
With medals on my chest and,  
Coffin wrapped with tricolour.  
My way of life ended.....  
Your continued  
We both left home at 18.

Name - **Ritushree Nandi**  
Class 9



# BARNSTABLE HOUSE: THE HOUSE OF ELEVEN GHOSTS

Every day and night people experience various incidents, they can't explain. For many people these events are life changing. Their comfort zone of what they can accept as 'real' is put to the test. It takes only one such experience for people to question the reality of the mysterious worlds that might exist beyond the one we live in. There had been various incidents over the past centuries, some of which have put our denial about these things, on a question.

In the middle of a cold winter night in 1974, the fire department in West Barnstable, Massachusetts, received a distressing alarm. One of the most historic homes in the area, the Barnstable House, was on fire. Built in 1716 by James Paine, who had the posthumous honor of being related to Robert Treat Paine, the house was located on Old Kings Highway, a vein of road running the length of Cape Cod—and one of the most haunted stretches of highway in North America. The Barnstable House was known as 'The House of Eleven Ghosts'.

Two fire trucks raced to the house. Firefighters found the large, white-clapboard colonial structure ablaze. Was anyone inside? The house had not been a private residence for many years, but it was then a restaurant. At 3:00 a.m., it was, of course, closed.

Looking up, several firefighters saw a woman standing in one of the upstairs windows. They rushed inside, but when they got to the room, no one was there. In fact, the woman was nowhere inside the burning house.

But down on the ground, other startled firefighters saw her. Clothed in a long white gown, long blonde hair blowing about her shoulders, she floated about two feet above the snow-covered ground. She looked sad. "Where is the Dalmatian?" she asked. Before anyone could react, she vanished into the smoky air.

No one knows who the ghost is—or what happened to her dog. There was no dog on the premises, and no recent record of a Dalmatian living there. For much of its history the Barnstable House has been the home of ghosts, some of them known and some of them anonymous. One known ghost is Edmund Hawes, an owner who committed suicide over

financial troubles by hanging himself from a tree in the yard in 1776. Another ghost is a little girl, Lucy. According to legend, she died in the well to the underground stream that runs beneath the house. Her mother is a ghost, too. She sits in a rocking chair inside the house, mournfully waiting for her daughter to come back.

Many people have seen the ghosts of the Barnstable House. Around the world there are thousands of homes and buildings just like it. They are haunted by the ghosts of dead people who don't go away, but linger in a twilight world that belongs half to life and half to death.

What is truth and what is legend, our knowledge can't distinguish, for the Barnstable House still stands being one of the most haunted places of North America.

Name - **Shreyan Sapui**  
Class 9





# CORONAVIRUS

Coronavirus, Coronavirus

It is really a dangerous virus.

It can kill a person in a minute.

It has made people hopeless.

It has made people lifeless.

We can't visit different places,

Nor can we play with our friends.

If you have to go out think twice

Wear your mask, be wise.

After coming home, sanitize.

And wash your hands thrice.

Name - **Shrestha Sardar**

Class 2

# AN UNTOLD LOVE FOR NATURE

It was an aesthetic morning. The sun has risen above the wild domed hills. Its bright demeanour has lit up the faraway trees, the dreamlike allegorical green landscape and the asleep country town. The vagrant white clouds have been playing across the cyanic sky. A brisk breeze shivered the weak blades of the grasses. Meanwhile the trees have stood straight, as if they have accepted the fresh golden light of the sun.

It was then, I, who was excessively nonchalant, walked upon the tough stoned path, created by many people from this country town. I walked straight, staring at the brilliant creation of the Mother Nature. Though I was enjoying the marvellous beauty of the nature, my mind was knitted with a lot of unknown things. I walked a few more minutes, while enjoying the beautiful scene of the auspicious morning, that has yawned before me. After fifteen minutes or so, I sat on an unoccupied bench. It was a comfortable one, coloured with rich purple. Few flower pots have been

kept upon the concrete wall, which has stood boldly just behind the bench where I sat. I closed my tired eyes for a while. Lots of images ran across the mind. I immediately opened my eyes. I could hear my rhythmic heart beats. Those images were my blurred past, and I didn't want to open the bag of past, early in the morning. I stared at the blissful sky; my eyes were becoming heavy. Meanwhile, the birds have started finding delicacies for their breakfast. I smiled without any reason. An unknown emotion grew inside my mind. The images which have disturbed my mind a while ago, have gone off. I took out my camera and clicked a picture. Awesome! A perfect shot of the nature - The azure sky with fluffy clouds, a white-throated bird sitting on the tree top, the tall pine tree, the sun kissing the rough road and the faraway mountains, having a fine cover of wild grasses. I jumped off the bench and started walking again. The white-throated bird has flown away to feed its children. My legs moved faster than before. I gazed the oaks, deodars and pines. The untidy but picturesque waterfall has attracted me. I walked slowly towards it. My mind has sung good. I walked at a great speed. My hands got the touch of dazzling warm water. Peace, Peace, Peace. My soft fingers danced in joy. I laughed loudly. I sat down upon a rough rock and watched the foamy water falling down from such a height upon the innocent rocks, with a gushing sound. Some rocks were as rough as a sandpaper, while some were as smooth as a mirror. The waterfall looked magical as the golden sunshine has fallen on it. Splashes of water made my dry face wet. A tiny beetle has joined me. It has started the graceful waterfall. The wild white flowers noticed every moment of ours. I took my cream coloured cloth bag and ran as fast as I can. The sky has adorned itself with myriad colours, though it was day time. I have seen the nature with the eyes of love, where the impossible sight has also come in my sight. An untold love for the nature has grown inside me. Everything appeared colorful and picturesque. Many pinks, reds, oranges, yellows, blues, browns and many unknown love words bejeweled the blue sky. The sun smiled again. I heard a message: 'If you see anything, anyone in the eyes of love, not fascination, every impossible fact will come possible to you. Try to love things, rather than hating them.' I ran towards the verdant trees, lonely mountains, the lily-white sky, the silent sun. I ran to get the view of the transcendent beauty of the Mother Nature. They have been longing for me for long; a new gift has been waiting for me.

Name - **Sreeja Naskar**

Class 7



# RIDDLES

1. Green thief, red house with black monsters. Comes in Summer and hides in Winter .

Answer - Watermelon

2. What can one catch , but not throw?

Answer - Cold

3. Which table has no legs?

Answer - Time table

4. What has many teeth , but can't bite?

Answer - A comb

5. What has lots of eyes, but no head?

Answer- A potato

6.. What has 13 hearts , but no other organs ?

Answer - A deck of cards

7. I am bought for eating, but people don't eat me. Why?

Answer - Because I am a plate

8. If you don't keep me, I will break. What am I?

Answer: A promise

9. What two things can you never eat for breakfast?

Answer: Lunch and Dinner

10. What has hands and a face but cannot hold anything or smile?

Answer: A clock

## INTERESTING FACTS

1. Babies have around 100 more bones than adults.
2. Hummingbirds are only animals that are able to fly backwards
3. Porcupines float in water.
4. Tigers have striped skin , not just striped fur.
5. Earth once had two moons.
6. Bees are found everywhere in the world apart from Antarctica.
7. 20% of Earth's oxygen is produced by the Amazon rainforest.
8. The moon has moon quakes.
9. The strongest muscle in the body is the tongue.
10. An Ostrich's eye is bigger than its brain.



Name - Sutanwi Nath

Class 5



# THE GIFT

I have always been a smart phone addict. When I was three years old, I learned how to operate a smart phone. As a kid, I always dreamt of possessing my own smart phone when I grow up. Well, now I am sixteen years old but don't have my own smart phone. This year would be my seventeenth year. My birthday was nearing and I had demanded a smart phone from my father as my birthday gift. However, I was not sure whether he would get me a smart phone or some other gift, so I waited eagerly. The day finally arrived. A birthday party was arranged at night at my home. I was busy decorating our sofa. When I got near, I saw that there was a present with a gift wrapper and ribbon on top. It had a label with a sender's name. When I took a close look at it to find out the sender, I got a bit confused. It read "5427". I thought it was some kind of a joke from someone. I didn't think about the name too much. I was pretty sure it was given by my father.

The party was about to start, so I hurried up and finished all the decorations. I was trying to find dad to thank him for the gift, but as the guests had started to arrive, I had to welcome them. During the party, I clicked many selfies and photos with my friends and family with my new smart phone. With all this, the party was very joyful. At night, after the party was over, I was checking through the photos that I had clicked back in the party. Suddenly, I noticed I could be seen in none of the selfies I had taken. So to check, I took a selfie alone right then and there and to my horror, I found that still I could not be seen in that picture. I was getting confused when suddenly there was a phone call in that smart phone from an unknown number. I picked it up, but there was no reply, so I hung it up. Five seconds later, there was another call, this time from a different number. I got no reply on picking it up this time either. This kept happening five times, each time from a different number.

I thought it would be better to let the police know. I let them know about those five numbers and asked them to help. An hour later, the police called me back and told me that those numbers were invalid, that is they never existed. I was confused so I went to the police station to show them the "call-history" of that smart phone as a proof but to my surprise, the call-history was blank. It had just disappeared.

Scared and confused, I returned home and asked my father where he had that phone from. To my surprise, he told me he had not bought that phone and that he didn't know anything about that phone. In fact he had bought a different smart phone for me as my birthday present and wanted to surprise me with that gift. On getting to know that the smart phone I had received was not from my father, a chill ran down my spine. I had a feeling that it was not a normal phone and something was definitely very weird and spooky about it. I was so scared and confused that I had a feeling that keeping such a phone would not be safe, so I went out of the house and threw that phone out of the house and went to sleep for the night. The next day, surprisingly, I noticed something lying on the sofa. When I took a close look at it, I noticed another present box. Opening it, I found, to my horror, that same smart phone, which was thrown out of the house by me last night.

Name - **Deeproop Datta**

Class 9

## RIDDLES OF DEEP MEANING

- 1) Journey without it and you will never prevail, but if you have too much of it you will surely fail.  
Answer- Confidence
- 2) Everyone wants more of it to feel special, yet the more you have of it the less special you feel.  
Answer- Knowledge
- 3) If you have me, you want to share me. If you share me, you haven't got me. What am I?  
Answer- Secret
- 4) You can only have it once you have given it.  
Answer- Respect
- 5) Imagine you are in a dark room. How do you get out?  
Answer- Stop imagining it
- 6) What is always coming but never arrives?  
Answer- Tomorrow
- 7) It starts of light and easy to bear, yet the more you carry it with you, the heavier a burden it becomes.  
Answer- A guilty conscience
- 8) I do not listen to reason, but I hear every siren's song and will try to steer towards the rocks if you let me take the wheel. Who am I?  
Answer- Ego
- 9) A mile from end to end, yet as close to as a friend. A precious commodity, freely given. Found on the rich, poor, short and tall, but shared among children most of all. What is it?  
Answer- A smile
- 10) We hurt without moving. We poison without touching. We bear the truth and the lies. We are not to be judged by our size. What are we?  
Answer- Words

Name - **Spandan Naskar**

Class 6



# GO AHEAD

The final match of the state championship ended with the victory of Sundarpur. But the score of the captain was rather disappointing. Amar Singh, an aspiring cricketer was considered the future of world cricket.

Years ago as a young cricketer he surprised the cricket world with his marvellous hundred runs on his first time in a championship. Then on, his journey to the state team was rather easy and smooth. But only two years ago, Amar was severely injured during a match. He fractured his right hand and was immediately hospitalised. From that incident, Amar's performance in the succeeding matches gradually declined. Worried about his condition, he consulted the doctor. The doctor informed him that though he was able to move his hand but the accident had caused an injury deep in his bones which would take some time to recover completely. Amar came out of the stadium with other teammates. To his utter disappointment he found the fans, who earlier cheered for him when he used to play magnificently in the matches, were then cursing him for his bad performance. Amar was heartbroken and decided to take a break and visit his family. The coaches and other teammates consolidated him and asked him to get refreshed during the vacation.

The train reached Sundarpur junction at ten - thirty in the morning. Mahinder Singh, Amar's father was already waiting for his son. Amar glowed on seeing his father at the station. Mahinder Singh, a farmer, had always been a guide and friend to his son. He was the one who introduced Amar to cricket at the first place and encouraged him to pursue his dreams.

Amar spoke to his father about his injury, his failures and all those cursings from the people. His father tried to make it transparent to him that all those stuffs did not matter and what mattered was how he would stand against all the adversities in life as life is not a cakewalk.

In the evening Amar was feeling bored at home and decided to take a walk to his childhood cricket academy where he learnt so much. After meeting his old coaches and teammates, Amar took a glance in the locker room. To his amazement, the locker which he had seen closed since his childhood, was opened at that time. He found an old diary inside it and started reading it.

The diary started with the writer penning down his happiness on his selection to the state cricket team. It also chronicled various achievements of the writer along with his teammates. Amar could relate himself to the character of the story and again buried his nose in the diary. After sometime Amar was pained to know how the young cricketer was prevented by his villagers to pursue his dream to play cricket. But Amar was happy when he found that the boy did not give up on his dreams and fought against the villagers to play in the national team. He also went through many failures just like Amar, yet he fought against all the obstacles as he realised the reason why he started playing cricket and made it his dream for life. Amar was deep into the story realising himself why he started playing cricket at the first place. His childhood interest to play cricket, later became his dream to pursue it.

At the end of the story, the writer penned a line which moved Amar completely. It states as- "Dreams do not shine, it's you who shine as you pursue your dreams." This transformed Amar as he realised that ups and downs are a part of everyone's life and that, one should never lose hope and fight the problems with courage. With confidence and consistency towards one's dream, triumph is bound to come. As Amar turned to the last page of the diary, he was surprised to see his father's name written there. Amar never knew that his father was also an aspiring cricketer like him. He immediately went to his father who was working in the field. Amar told him about the diary and asked the reason why he gave up on his dream. Initially his father was a bit shocked to hear about the diary from Amar. Mahinder Singh then narrated how his family went through troubles continuously as he kept on playing cricket. Ultimately under tremendous pressure he was forced to leave cricket forever. Later he moved to Sundarpur with his family to prevent Amar's dream from being crushed as well. Amar could see tears in his father's eyes and then embraced him, thanking him for all that he had ever done. He also promised his father that he would stand up and fight all the adversities until victory. After two years, Amar Singh was in the headlines again for his marvellous performance as he kept on following his dream with courage and confidence.

Name - Aratrika Mal

Class 10



# দূর্গাপূজা

শরৎকালের রোদের ঝিলিক  
শিউলি ফুলের গন্ধ  
মা আসছে ঘরে তাই,  
মনে এত আনন্দ  
কুমোরটুলি হল খালি,  
তৈরি হলো ঢাকি  
এবার পুজোয় মা গো যেন  
অনেক আনন্দে থাকি।



নাম- নিষ্ঠা নক্ষর  
শ্রেণি- প্রথম। বিভাগ-খ

# আমার মা

আম মিষ্টি, জাম মিষ্টি  
আর মিষ্টি আতা।  
তার চেয়েও বেশি মিষ্টি,  
আমার মায়ের কথা।  
মা যে আমার অতি ভালো,  
যায় না কভু ভোলা  
মার চেয়ে বেশি দামি,  
আর যে কিছুই হয়না।

নাম- পৃথ্বীশ সরকার  
শ্রেণি- প্রথম। বিভাগ-খ



# আমার পড়াশোনা

অঙ্কেতে আমি বড্ড কাঁচা  
দশে পাই ছয়,  
পরীক্ষা দিতে বসলেই পরে  
পাই যে মনে ভয়।  
ইংলিশ লিখি হিজি-বিজি  
বানান করি ভুল,  
ম্যাম খাতা দেখলেই পরে  
টানেন মাথার চুল।  
আমি পারি উঠতে গাছে  
বইতে পারি মই,  
গর্ব করে বলছি আমি  
মেয়েটি খারাপ নই।



নাম- সিমরন পারভিন  
শ্রেণি- প্রথম। বিভাগ-খ

# পিকনিক

আজ আমাদের পিকনিক আছে,  
সকাল থেকে ভারি মজা।  
সারাদিন হবে খাওয়া দাওয়া  
কত মজা কত খেলা।  
মাছ, মাংস, মিষ্টি, পাঁপড়  
খেলাম পেট ভরে।  
বিকেলবেলা নাচে গানে  
গেল মন ভরে।  
ভাবছি বসে আবার কবে  
হবে পিকনিক মজা করে  
কাটাবো আবার সারাদিন।



নাম- রনিত মজুমদার  
শ্রেণি- প্রথম। বিভাগ-খ

# সোনা

আমার নাম সোনা  
আমি ছোটো চাঁদের কণা  
মা আমাকে আদর করে ডাকে, বলে মনা  
আমার নাম সোনা  
পড়াশোনা না করলে বকুনি দেয় স্যার  
ম্যামেরা, আমার নাম সোনা।

নাম- হিতৈষী পাল  
শ্রেণি- প্রথম। বিভাগ-ক



# একটি গাছের কথা

আমাকে কেটে ফেলে দিয়োনা।  
আমারও তোমাদের মতো প্রাণ আছে।  
আমারও কাটলে লাগে।  
আমারও কষ্ট হলে চোখে জল আসে।  
আমি তোমাদের অক্সিজেন সরবরাহ করি  
আর কার্বন-ডাই-অক্সাইড গ্রহন করি।  
তোমাদের আশ্রয় দিই, ফুল-ফল দিই  
পরিবেশকে নির্মল রাখি।  
সবদিক থেকে তোমাদের এত উপকার  
করি, তা সত্ত্বেও তোমরা আমাকে কুড়ুল  
দিয়ে কাটছ কেন???



নাম- শিবরাজ রায়  
শ্রেণি- দ্বিতীয়। বিভাগ-ক



## নাক-ই-কথা

এক যে ছিল রাজা,  
তার মস্ত ছিল নাক।  
সুন্দর কোনো গন্ধ পেলেই  
সে বলত “এখন রাজ্যপাঠ থাক”!  
চলল রাজা মঞ্জীনিয়ে  
সেই গন্ধের সন্ধানে,  
তার মতোন এমন টিকোলো নাক  
নেই কেউ খানদানে।  
সবাই বলে বাহবা হজুর  
আপনার কি নাক!  
সোনার বরন নাকের রূপে  
লাগে আমাদের তাক।  
কিন্তু রাজার ভারি দুঃখ  
গোঁফ নেই যে তার,  
প্রজা বলে, রাজার গোঁফ হয়নি  
“নাকের এত ভার”!  
তাই রাজা ঠিক করলেন  
নাক যাবে যে কাটা  
চুল দিয়েই গোঁফ বানাবে  
লাগবে অনেক আঠা।  
যেই না বলে কুটুং করে  
কাটা হল তার নাক,  
হঠাৎ রাজা ভিরমি খেলেন  
চুল নেই, মাথায় যে তার টাক।

নাম- শুভাঙ্গী দত্ত

শ্রেণি- ষষ্ঠ। বিভাগ- খ



## কোকিল পাখি

কোকিল পাখি, কোকিল পাখি  
তুই পাখিদের গায়ক নাকি!  
সারা বছর চূপটি করে  
কোথায় গিয়ে থাকিস?  
বসন্তকালে ভোরে কোকিল  
কেমন করে গান গাস!  
বনে বনে চষে বেড়াস  
কেউ করে না উড়তে মানা  
গান গেয়ে মেলে দিস  
কালো দুটি ডানা।  
দিনভর গান গাস,  
গলা সাধিস কখন!  
আদা দিয়ে চা খাস?  
না ফুলের মধু খাস!

নাম- স্নেহা মিস্ত্রী

শ্রেণি- ষষ্ঠ। বিভাগ- খ



## ফাঁকি

যদি ভাবি কালকে পড়া,  
আজকে শুধুই খেলা।  
এমন করে পার হয়ে যায়  
সকাল সন্ধে বেলা।  
দিনের পর দিন কেটে যায়  
রাতেরপর রাত,  
এমনি করে পরীক্ষা এসে  
পাতল ভীষন ফাঁদ।  
সরস্বতী মাকে তাই  
কাতর সুরে ডাকি,  
পাশ করিয়ে দে মা এবার  
আর দেবনা ফাঁকি।

নাম- আলফাজ আখান

শ্রেণি- চতুর্থ। বিভাগ- খ



## HINDI JOKES

१. राम :डॉक्टर मुझे भूलने की बीमारी है।  
डॉक्टर:एक ममनट रुको।  
(कुछ ममनट बाद)  
डॉक्टर: , अब बोलो तुम्हें कौन सी बीमारी है  
(राम सोचते)  
राम:कौन सी बीमारी??



३. सर:बच्चों मैं आज सबका गहूकाययदेखगूं ।।  
आददत्य : सर मुझेआपसे कुछ पूछना है।  
सर :बताओ तुम्हें क्या कहना है।  
आददत्य:सर क्या यह उचचत है की जजसने  
कोई अपराध नहीं ककया है उसे सजा मीलना चादहए??  
सर:बबलकुल नहीं।  
आददत्य: सर धन्यवाद।  
सर:धन्यवाद क्यों?  
आददत्य:सर मनै अपना गहूकायय नहीं ककया है।



२. काया: बादाम खाने से होता है??  
माया: होता है??  
काया: बादाम खत्म हो जाता है।



४. सर:अच्छा महेश यह बताओ की पथूवी है या वीनस?  
महेश:पथूवी  
सर: क्यों??  
महेश:क्योंकक हम वीनस को छत पेही देख सकते है।



**Name - Dipanwita Das**  
Std-6th | Sec-A



## HINDI JOKES

१. टीचर: भारत की पहली महिला कौन है जो वदिश गई?  
छात्र: मैडम, सीता क्योक विह श्रीलंका गई थी।

२. टीचर: आपने मकड़ी का जाल कभी देखा है ?  
छात्र: कठनि प्रश्नपत्र मलिने पर ही हमें पता चलता है ककिक्षा में कतिने मकड़ी के जाले हैं।

३. पतिता : बेटा तुम जुआ मत खेलो क्योक इससे लत लग जाती है और एक दनि तुम जीत सकते हो लेकनि अगले दनि हार सकते हो और अगले दनि फरि जीत सकते हो लेकनि उसके बाद तुम हार सकते हो ।  
बेटा: ठीक है पापा मै समझ गया । अब से मै वैकल्पकि दनिों में खेलूंगा ।

४. मेरे परवार के सदस्य मुझे सुबह इस तरह जगाते रहते हैं कऐसा लगता है कतीसरा वशिव युद्ध चल रहा है और मै आखरी और एकमात्र सैनकि बचा हूँ ।

५. अमरूद खाते समय कीड़ा दखि तो चतिता न करे लेकनि आधा कीड़ा दखि तो चतिता करे ।

**Name - Sreeja Das**  
Class - 9



## कोरोना वायरस

ओ कोरोना तू कहाँ से आया।  
सब कुछ हो गया पराया पराया।  
तेरा आना किसी को ना भाया।  
मम्मी बोले हाथ धोए।  
घर से बाहर कहीं ना जाए।  
सखा सहेली सब भूल जाए।  
स्कूल की टीचर की याद सताए।  
नानी का घर हमें बुलाए।  
शोपिंग के लिए मन ललचाए।  
बर्थडे फीका फीका पड़ जाए।  
ओ कोरोना तू बता हम छोटे छोटे बच्चे  
कैसे अपना दिल बहलाए।  
तेरा भय इतना सताए।  
कोरोना तुझसे नहीं डरते हम।  
हममें है तुझसे लड़ने का दम।  
सोशल डिसिटेसिंग नभियायेगे।  
गुड सटिज़िन बनकर दिखायेगे।  
सरकार के रूल्स अपनायेगे।  
घर में बैठकर तुझे हरायेगे  
और फरि अपना जीवन खुशहाल बनायेगे।

Name - Akanksha Rani  
Class 9

## सात रंग

आसमान का रंग है नीला  
पर क्यो लगता पीला - पीला,  
सुबह जब सूरज है नकिलता  
चारो ओर सुनहरा लगता।  
दोपहर में उजयारा लाए  
शाम होते ही अंधियारा छाए,  
पर आसमान में जब इंद्रधनुष खलित  
सबका मन खुशियो से भरता ॥

Name - Shubhangi Dutta  
Class 6

## बारिश

ऐ बारिश,  
तू सबकी ख्वाहिश।  
समय-समय में आती है तू,  
बच्चों के हृदय को मोह कर ले जाती है तू।  
तू पूर्ण करती है किसी का अभिलाष,  
तथा करती है किसी का वनिश।  
फरि कहीं गुम हो जाती है तू।  
ऐ बारिश,  
तू सबकी ख्वाहिश!

Name - Arya Bose  
Class 9

## क्या लखिँ

स्कूल की मैगज़ीन छप रही है  
मला मुझे समाचार,  
सोचा मैं भी लखिँ दूँ  
आर्टिकल दो चार,  
क्या लखिँ, कैसे लखिँ  
समझ नहीं कुछ आता,  
यूँ ही बैठे - बैठे सारा समय  
है गुजर जाता।  
कविता लखिँ, कहानी लखिँ  
या लखिँ कोई लेख,  
इसी बात को सोचती रही  
सरि घुटनों पर टेक ॥  
संध्या जब रात में बदली  
सोये अनुभवों को लखि डाला,  
पता नहीं इस अनुभवहीन लड़की ने  
कैसे अतुलनीय कृति रच डाला ॥

Name - Priti Halder  
Class 12

## माँ

एक माँ की ममता कुछ होती है  
जिसी कोई समझा नहीं सकता,  
यह गहरी भक्ति से बना है  
और बलदान और दर्द का,  
यह अंतहीन और निःस्वार्थ है  
और स्थायी आओ क्या हो सकता है,  
क्योंकि कुछ भी इसे नष्ट नहीं कर सकता  
या उस प्यार को छीन लो,  
यह धैर्यवान और क्षमाशील है  
जब बाकी सब छोड़ रहे हैं,  
और यह कभी वफिल या लड़खड़ाता नहीं है  
भले ही दिल टूट रहा हो,  
यह विश्वास से परे विश्वास करता है  
जब चारों ओर की दुनिया नदि करती है,  
और यह सारी सुंदरता के साथ चमकता है  
सबसे दुर्लभ, सबसे चमकीले रत्नों में से,  
यह परभाषति करने से बहुत दूर है,  
यह सभी स्पष्टीकरणों की अवहेलना करता है,  
और यह अभी भी एक रहस्य बना हुआ है  
सृष्टि के रहस्यों की तरह,  
एक बहुत ही शानदार चमत्कार  
आदमी नहीं समझ सकता  
और एक और चमत्कार कि सबूत  
भगवान के कोमल मार्गदर्शक हाथ से।

Name - Sonia Das  
Class 11





# ART GALLERY



**Anuska Pal**  
CLASS - 5



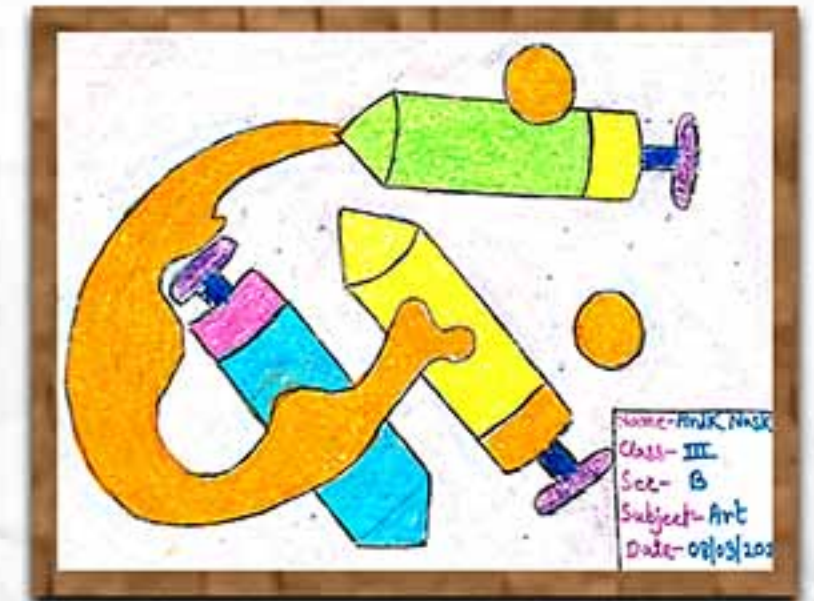
**Anwasha Mandal**  
CLASS - 2



**Ankit Maitra**  
CLASS - 8



Name-Anik Naskar  
Class-III  
Sec- B  
Subject-Art  
Date-09/05/2021



Name-Anik Naskar  
Class-III  
Sec- B  
Subject-Art  
Date-09/05/2021

**Anik Naskar**  
CLASS - 3



# ART GALLERY



**Aradhya Deb**  
CLASS - 2



**Nistha Naskar**  
CLASS - 1



**Oly Chakraborty**  
CLASS - 4



**Srijan Pal**  
CLASS - 9



**Pritam Mishra**  
CLASS - 8



**Muskan Afrin**  
CLASS - 8



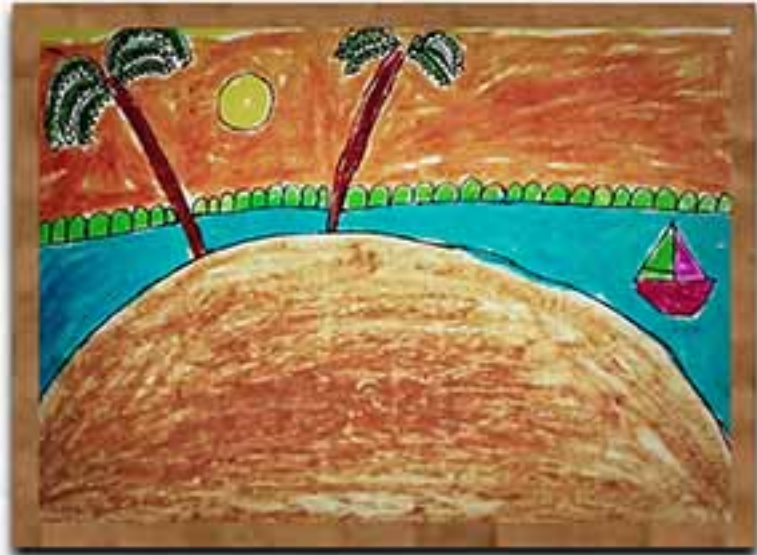
**Maheera Islam**  
CLASS - 8



**Kaushiki Dasgupta**  
CLASS - 1



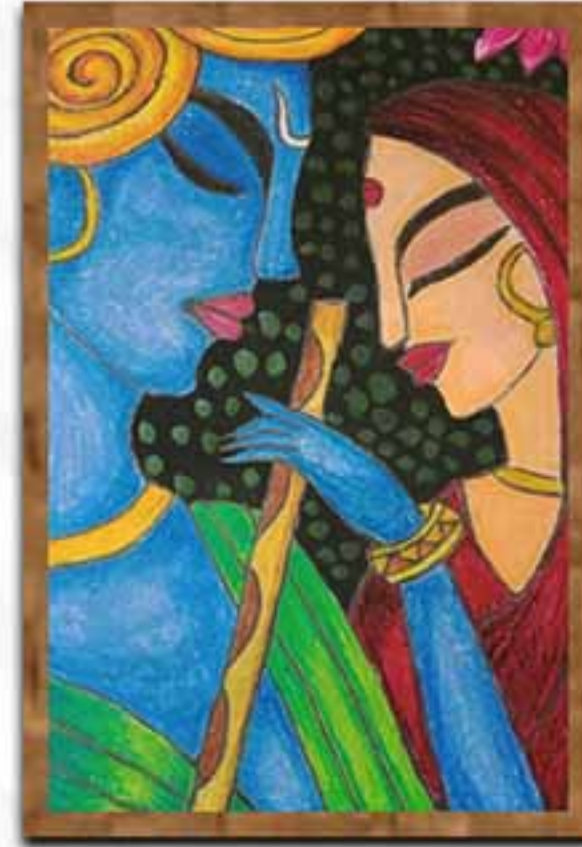
# ART GALLERY



**Sanvi Das**  
CLASS - 1



**Swasti Sourav Halder**  
CLASS - 7



**Shruti Mondal**  
CLASS - 6



**Srijan Pal**  
CLASS - 8



**Tritangshu Adhikary**  
CLASS - 1



**Bahnisha Ghosal**  
CLASS - 5



# ART GALLERY



**Bitan Mondal**  
CLASS - 2



**Pragnamayee Mondal**  
CLASS - 7



**Arpan Naskar**  
CLASS - 5



**Trideep Pal**  
CLASS - 6



# RIDDLES

- 1 I have cities but no houses, forests but no trees, water but no fish. What am I?
- 2 Two fathers and two sons are going in a car but yet there are 3 people in the car. How?
- 3 What starts with a t ends with a t and is filled with t?
- 4 Eva's mother has 3 children - March and April what is the name of her first child?
- 5 What has to be broken before it is used?
- 6 What has a head and tail but no body?
- 7 It is so fragile that it is broken if you say it's name
- 8 What building has most stories
- 9 What tastes better than it's smell
- 10 You own this thing but other people use this more than you what is it?

## ANSWERS

- 1 Answer: I am a map
- 2 Answer: there is a grandfather, father and a son
- 3 Answer: teapot
- 4 Answer: it's Eva
- 5 Answer: an egg
- 6 Answer: a coin
- 7 Answer: silence
- 8 Answer: library
- 9 Answer: your tongue
- 10 Answer: your name

Name - **Aditya Chatterjee**  
Class 6

# INTERESTING FACTS ABOUT MATHS

On the contrary, there are plenty of fun and strange maths-related facts out there that will fascinate children of all ages. To prove it, I have listed some of the facts of maths. They are as follows —

1. The word “hundred” comes from the old Norse term, “hundrath”, which actually means 120 and not 100.
2. Most mathematical symbols weren't invented until the 16th century. Before that, equations were written in words.
3. Forty” is the only number that is spelt with letters arranged in alphabetical order.
4. From 0 to 1000, the only number that has the letter “a” in it is “one thousand”.
5. Four' is the only number in the English language that is spelt with the same number of letters as the number itself.
6. Every odd number has an “e” in it.

Name - **Ayantika Bhattacharya**  
Class 10



# VEDIC MATHEMATICS

## INTRODUCTION:-

Vedic Mathematics is a collection of Techniques/Sutras to solve mathematical arithmetic in easy and faster way. It consists of 16 Sutras (Formulae) and 13 sub-sutras (Sub Formulae) which can be used for problems involved in arithmetic, algebra, geometry, calculus, conics. It is a system of mathematics which was discovered by Indian mathematician Jagadguru Shri Bharathi Krishna Tirthaji in the period between A.D. 1911 and 1918 and published his findings in a Vedic Mathematics by Tirthaji Mahararaj

## HISTORY :-

Shri Bharathi Krishna Tirthaji Maharaj was born in March 1884 in the Puri village of Orissa state. He was very good in subjects like mathematics, science, humanities and was excellent in Sanskrit language. His interests were also in spiritualism and mediation. In fact when he was practicing meditation in the forest near Sringeri, he rediscovered the Vedic sutras. He claims that these sutras/techniques he learnt from the Vedas especially 'Rig-Veda' directly or indirectly and he intuitively rediscovered them when he was practicing meditation for 8 years. In year 1957, he wrote introductory volume of 16 sutras which is called as Vedic Mathematics and planned to write other sutras later. But soon he developed cataract in both of his eyes and passed away in year 1960.

## ADVANTAGES :-

Vedic Mathematics can definitely solve mathematical numerical calculations in faster way. Some Vedic Math Scholars mentioned that Using Vedic Maths tricks we can do calculations 10-15 times faster than our usual methods.

## MATH RIDDLES :-

1. I have a pound of feathers and a pound of iron? Can you tell me which one weighs more?  
Ans. Both of them would be of the same weight. A pound remains a pound despite the type of object.
2. Ram has 5 sons. Each of his sons has a sister. If so, how many children does Mr. Ram have?  
Ans. Six. All of the sons have the same sister.
3. He is an odd number, but if you take away an alphabet from him, he becomes Even. Who is he?  
Ans. Seven, when letter 's' is taken out, it becomes 'even'.
4. When can you add 2 to 11 and get 1 as the correct answer?  
Ans. When you are talking about a clock, add 2 to 11 o' clock and it is 1 o' clock.
5. Can you take 1 from 19 and leave 20?  
Ans. 20 (XX)  
19 (XIX)  
1 (I)  
 $XIX - I = XX$

## EXTRA TRICK :-

### Birthday Trick

This trick will help you to find anyone's birthday by doing some calculation – Just you have to say your friends to take a calculator or a pen & paper to do this or you can also do this yourself by taking your birthday. The most important thing is that, you need follow the steps carefully and your calculation should be accurate. So, let's start by taking any birthday, (say 29 th February 2003 )

i) First , we have to multiply the month of birthday by 4 and then add 13 to it.  
( $2 \times 4 + 13 = 21$ )

ii) Now, we have to multiply the result by 25, then subtract it by 200.  
( $21 \times 25 - 200 = 325$ )

iii) Now we have to add the birthdate with the result  
( $325 + 29 = 354$ )

iv) Now, multiply it by 2 then subtract it by 40.  
( $354 \times 2 - 40 = 668$ )

v) Now, we have to multiply it by 50 and then add the last two digits of the birth year to the result.  
( $668 \times 50 + 03 = 33403$ )

vi) Now at last we have to subtract 10500 from the result.  
The answer is 22903

Here, last two digits (03) is the birth year which is 2003

Middle two digits (29) are the birthdate which is 29

First two digits (for this birthday there is only one i.e. 2) is the birth month

Name - Rudra Narayan Mondal

Class 8



# FUN FACTS ABOUT MATHS

- i) A baseball field or baseball diamond is a perfect RHOMBUS.
- ii) Do you know why in Roman Numerals O is not "included?" -Because, Romans Nulla' which means. use the Latin word or none.
- iii ) The spiral shapes of Sunflowers, Snails and Shells follow the Fibonacci sequence proving that the world is full of science.
- iv) Among all the shapes with the same area, circle has the shortest perimeter and when it comes area circle has the largest area.
- v) An icosagon is a shape with 20 shapes. Can you imagine?
- vi) A 'jiffy' is the actual unit of time for 1/100th of a second.

**Name - Rifaah Tanwi Sekh**  
Class 7

## RIDDLES

Riddles of deep meaning:-

- 1)Journey without it and you will never prevail, but if you have too much of it you will surely fail.  
(Answer):- Confidence
- 2)Poor people have it. Rich people need it. It can make you or break you.  
(Answer):- Adversity
- 3)Everyone wants more of it to feel special, yet the more you have of it the less special you feel.  
(Answer):- Knowledge
- 4)If you have me, you want to share me. If you share me, you haven't got me. What am I?  
(Answer):- Secret
- 5)You can only have it once you have given it.  
(Answer):- Respect
- 6)Imagine you are in a dark room. How do you get out?  
(Answer):- Stop imagining it

7)What is always coming but never arrives.

(Answer):- Tomorrow

8)At night they come without being fetched. By day they are lost without being stolen.

(Answer):- Doubts and fears

9)A prison you feel safe in, yet never quit happy. Whenever you try to leave, it only grows bigger.

(Answer):- Your comfort zone

10)If you break me I do not stop working ; if you touch me I may be snared ; if you lose me nothing will matter.

(Answer):- Your heart

11)It starts of light and easy to bear, yet the more you carry it with you, the heavier a burden it becomes.

(Answer):- A guilty conscience

12)I do not listen to reason, but I hear every siren's song and will try to steer us towards the rocks if you let me take the wheel. Who am I?

(Answer):- Ego

13)One by one we fall from heaven down into the depths of past, and our world is ever upturned so that yet some time we'll last.

(Answer):- Dreams and aspirations

14)A mile from end to end, yet as close to as a friend. A precious commodity, freely given. Found on the rich, poor, short and tall, but shared among children most of all. What is it?

(Answer):- A smile

15)We hurt without moving. We poison without touching. We bear the truth and the lies. We are not to be judged by our size. What are we?

(Answer):- Words

**Name - Spandan Naskar**  
Class 6



# THE STORY OF GIROLAMO CARDANO

Girolamo Cardano was a great mathematician by this respect only the world know him. But he was not a mathematician before . His main interest came from a dangerous game named poker (which we all know). From this game only he developed the concept of probability.

## NOW WE ALL WONDER HOW HE DEVELOP THIS CONCEPT??

Now before knowing the concept , I want to tell you that he mainly warned people against the poker players who mainly used to cheat without being caught. Now let explain it with one example. Suppose there are two poker players and there will be dice game using 3 dice and after rotating the three dice if the sum of all the dice spun is 9 then one team will win and if ten come then other team . Now every body will think that it will be a fair game as  $9 = 1+2+6 = 1+3+5 = 1+4+4 = 2+2+5 = 2+3+4 = 3+3+3$  And  $10 = 1+4+5 = 1+3+6 = 2+4+4 = 2+2+6 = 2+3+5 = 3+3+4$ .

Now in 3 dice if it comes no. Abc then the outcomes can be of 6 types that is abc, acb, bac, bca, cba, cab. Now in 3 dice there can same no. In two and if it came aab, then the result can be aab,aba,baa and if all are same then result will always aaa Now 3 dice will have different nos.but their sum will be total 9 and then outcomes are (1,2,6) ( 1,3,5)(2,3,4).As all are different then there will be total 6 outcomes. so total  $6 \times 3 = 18$  outcomes . if 2 dice have same 2 nos. Then sum will be 9. And that can be 2 types (2,2,5)

And (4,4,1). So total chance six types and their dice will have same number to make nine if it is (3,3,3) . So for 9 there are  $18 + 6 + 1 = 25$  chances. Now in case of 10 . The 3 diff. No. Are (2,3,5),(3,1,6) and (4,1,5) if two numbers are same then it will be (3,3,4) , (2,2,6) and (4,4,2)

And 3 small nos. Making 10 is not there . So for 10 the no. Have  $3 \times 6 + 3 \times 3$  or 27 types. Now 3 dice have total  $6 \times 6 \times 6$  or 216 types. so we can see for 9, dices nos. Can be 25 so chance for 9, the dices can be  $25/216$  or 0.12 and for 10 it is  $27/216 = 0.13$ . So 10 number is have minimum advantage than 9 . so Cardano told poker players not to play such matches. THIS HOW HE DISCOVERED THE CONCEPT OF PROBABILITY.

## SOME OTHER FACTS ABOUT HIM:-

He was very superstitious as well because he always thought some energy is protecting him from danger . He also predict many thing in astrology for which he is also known as the great mathematician as well as astrologer and also given the concept of quantum mechanics. As still it is a fact that how he predicted his death day as he was died on 21 September 1576 as told by him.

REALLY NO DOUBT HE IS A VERY UNIQUE AND GREAT PERSON.

Name - **Soumyaji Das**  
Class 9

# FUN FACTS ABOUT MATHEMATICS

## 1.Pi and Pizza are related:

If we multiply Pi multiplied by the radius squared to find the area and multiply area by height to find the volume, That means the volume of a pizza that has a nominal radius of (z) and height (a) will, of course, be:  $\text{Pi} \times z \times z \times a$ .

2.If we multiply any number with nine (9 ) and then sum all individual digits of the result (product) to make it single digit, the sum of all these individual digits would always be nine (9).

3.The opposite sides of a die always add up to seven (7).

4.The lifeline of today's time, Google search engine is a term which is derived from word "googol" which is a mathematical term for the number 1 followed by 100 zeros which reflect infinite amount of search on the internet.

5.Shakespeare was a literature lover and not math lover but the only time he included the word "Mathematics" was in a play, "The Taming of the Shrew."

6.If there are 23 people in a room, there are 50% chances that two people among them have the same birth date.

7.2520 is the smallest number that can be exactly divided by all the numbers from 1 to 10.

8.A baseball diamond is a perfect rhombus.

9.5 is the only prime number that is the sum of two consecutive prime numbers, namely 2 and 3.

10.Zero Is the Only Number That Can't Be Represented In Roman Numerals.

Name - **Sreeja Das**  
Class 11



# RIDDLES

1. Green thief, red house with black monsters. Comes in Summer and hides in Winter.

Answer - Watermelon

2. What has to be broken before you can use it?

Answer - Egg

3. It belongs to you, but other people use it more than you do. What is it?

Answer - Your name

4. What can one catch, but not throw?

Answer - Cold

5. Which table has no legs?

Answer - Time table

6. What has many teeth, but can't bite?

Answer - A comb

7. What has lots of eyes, but no head?

Answer - A potato

8. What has neck, but no kids heads?

Answer - A shirt

9. What has 13 hearts, but no other organs?

Answer - A deck of cards

10. I am bought for eating, but people don't eat me. Why?

Answer - Because I am a plate.

# INTERESTING SCIENCE FACTS

1. Babies have around 100 more bones than adults.

2. Hummingbirds are only animals that are able to fly backwards

3. Porcupines float in water.

4. Tigers have striped skin, not just striped fur.

5. Earth once had two moons.

6. Earth is really old.

7. 20% of Earth's oxygen is produced by the Amazon rainforest.

8. The moon has moon quakes.

9. The strongest muscle in the body is the tongue.

10. An Ostrich's eye is bigger than its brain.

Name - **Sutanwi Nath**

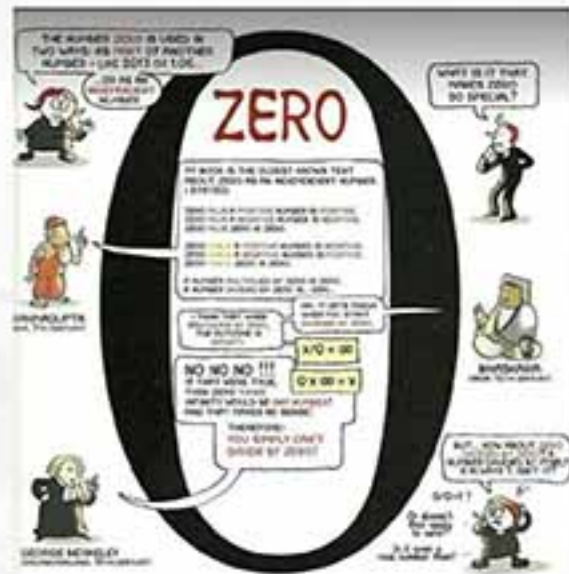
Class 5



"The miracle of the appropriateness of the language of mathematics for the formulation of the laws of physics is a wonderful gift which we neither understand nor deserve." — Eugene Wigner

# THE MYSTERY OF ZERO

"A Zero itself is nothing, but without a zero you cannot count anything; therefore, a zero is something, yet zero" — Dalai Lama



So much question we are having in our mind about "The Zero". Let's all together jump into that hurdle and solve out that!!



## Who invented?? Brahmagupta

His first book called Brahmasphutasiddhanta that mentions zero as a number, hence he is considered the first to formulate the concept of zero.

## Brahmagupta's formula

The most famous geometrical work is his formula for cyclic quadrilaterals. Given the lengths of the side of any cyclic quadrilaterals, Brahmagupta gave an approximate and an exact formula for the figure's area ,i.e, " the area is the square root from the product of the halves of the sums of the sides diminished by each side of the quadrilateral".

## What is Zero?

Zero is a strange number and one of the greatest paradox of human thought. It means both everything and nothing. It is both a number and the numerical digit



used to represent that numbers in numerals. It fulfills a central role in mathematics as the additive identity of the integers, real numbers and many other algebraic structures. Without zero, not just mathematics but all branches of science would have struggled for clearer definition. As a digit, 0 is used as a placeholder in place value systems. The value of Zero is well known today as it holds the highest value today. Without the invention of 0, the binary system and computer are not possible. It is a greatest invention on which every calculation depends. Zero is a tiny number but it can never be ignored.

## ORIGIN OF ZERO

"In the history of culture the discovery of zero will always stand out as one of the greatest single achievements of the human race"— Tobias Danzig

Perhaps ,the word zero probably came from Sanskrit word Shubham or the Hindi equivalent shunya. The word Shunyam was translated to Arabic as AL- sifer. Fibonacci mentioned it as cifra from our present day cipher , meaning empty space . From this original Italian word or from the alteration of Medieval Latin zephirum, the present word Zero might have originated.

## USE OF ZERO

By AD 130 Ptolemy was using a symbol fore zero

The Oldest known text to use Zero in the decimal place value system was the Jain text dated 458 AD.

## SPREADING THE NEWS

### LEONARDO OF PISA KNOWN AS FIBONACCI

Born to a merchant family living in North Africa

Learned Hindu- Arabic numerals from his Arabic tutors

He brought the news of zero and new computational methods to Europe in his book.

## ZERO IN INDIA

Around AD 650, the use of Zero as a number came into Indian mathematics.

Aryabhata devised a number system, which had no zero as a positional system, which is used to show the empty space. There is evidence that before a dot was used in manuscripts to denote an empty space in positional notation.



# ZERO IN INDIA

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## FROM INDIA TO THE WORLD

The Islamic and the Arabic mathematicians took the idea of the Indian mathematicians further west. Al-Khwarizmi described the Indian place value system of numerals based on zero and other numerals. Ibn Ezra, in the 12th century, wrote The Book of the Number, which spread the concepts of the Indian numerals symbols and decimal fractions to Europe.

BABYLONIAN		
1	∟	2500BCE, the Babylonians used a system of two symbols
2	∟∟	
3	∟∟∟	
4	∟∟∟∟	
5	∟∟∟∟∟	They sometimes used a space to represent an empty space
6	∟∟∟∟∟∟	
7	∟∟∟∟∟∟∟	
8	∟∟∟∟∟∟∟∟	
9	∟∟∟∟∟∟∟∟∟	
10	∟∟∟∟∟∟∟∟∟∟	
11	∟∟∟∟∟∟∟∟∟∟∟	
12	∟∟∟∟∟∟∟∟∟∟∟∟	
13	∟∟∟∟∟∟∟∟∟∟∟∟∟	
14	∟∟∟∟∟∟∟∟∟∟∟∟∟∟	
15	∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟	
16	∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟	By about 200 CE, they used a pair of small triangles to denote an empty position
17	∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟	
18	∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟	
19	∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟	
20	∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟∟	Babylonians never actually invented a zero, they made an important first step!!

## ZERO IS A SPECIAL NUMBER

If we add 0 to any number, the sum is the original number

Same is for subtraction

If you multiple any number by 0, the product is 0

If you raise any nonzero number to the power of 0, the resulting number is 1

If you divide 0 by any nonzero, the quotient is 0

Any number divided by 0 is undefined

## EQUATION OF ZERO

The great mathematician of India Brahmagupta wrote on nature of Zero in his book "Bramhagupta Siddharth"

1.  $A+0=A$
2.  $A-0=A$
3.  $A \times 0=0$
4.  $A \div 0=0$

His first three equations were correct but he failed express the product of 4th one. He told it as Zero instead of infinity. Later it was solved by another famous Indian mathematicians Bhaskar .It was mentioned in his famous book" Leelavathi"  
Can you imagine mathematics without zero??

Name - **Maheera Islam**  
Class 9

A study from the Eurasia Journal of Mathematics, Science and Technology Education found puzzles" Develop logical thinking, combinatorial abilities, strengthen the capacity of abstract thinking and operating with spatial images, instill critical thinking and develop mathematical memory."

So here are some interesting mathematical puzzles:

- 1) How to make 10 with 9 ones?
- 2) Fill in the blanks:  
a) O T T \_ \_ S S \_ \_  
b) 3 3 5 \_ \_ 3 5 \_ \_
- 3) What Mathematical symbols are missing:  
a)  $9898 = 80$   
b)  $6622 = 6$
- 4) Correct this without changing it:  
 $6 + 6 = 81$
- 5) Correct this with some change:  
a)  $4.55 = 525$   
b)  $950 = 101010$
- 6) With seven equal sticks make four squares.

## SOLUTIONS:



Total there are 9 ones.

- 2) a) O T T F F S S E N.  
b) 3 3 5 4 4 3 5 5 4.

- |                                |                             |
|--------------------------------|-----------------------------|
| 1 → One (3)                    | 6 → Six (3)                 |
| 2 → Two (3)                    | 7 → Seven (5)               |
| 3 → Three (5)                  | 8 → Eight (5)               |
| 4 → Four (4)                   | 9 → Nine (4)                |
| 5 → Five (4)                   |                             |
| 3) a) $9 \times \{(8/9) + 8\}$ | b) $6 \times \{(6/2) - 2\}$ |
| $= 9 \times (8+72)/9$          | $= 6 \times (3-2)$          |
| $= 80$                         | $= 6$                       |

4) To make the equation correct , all you need is to just reverse your screen and the equation will be correct. After reversing your screen :  $18 = 9 + 9$ .

- 5) a)  $4 : 55 = 525$  (That means 5 minutes to 5).  
b)  $9:50 = 101010$



Name - **Sutithi Das**  
Class 8



# SPORTS- "A GREAT TEACHER"

As an infant, we learned how to walk by trial and error. The first time we made the effort we fell down and returned to crawling. We ignored our fears about falling and the results we had produced. We stood up again and again and fell again and again. Eventually we stood with a wobble and then another fall. Finally, we walked upright. Suppose as infants we had learned to fear failure. Many of us would still be crawling around on all fours.

It is the same with everything in life. Our nature is to act and produce results without fear. Yet, because, we have been educated to think critically and judgmentally, we imagine strong reasons for inaction and then allow it to become our reality, even before we make an attempt. Our fear is supported by an illusion that it is possible to fail, and that failure means we are worthless.

The reality is that there is no such thing as failure. Whenever we attempt to do something and fail, we end up doing something else. We cannot fail, we can only produce results and when it comes to sports education, it is very much relevant.

Take an example of 2020 Tokyo Olympics results. Encompassing 33 sports at 339 events that took place across 41 venues, the Tokyo 2020 Olympics witnessed performances that defied the odds, seemingly impossible feats and memorable moments, leaving us inspired, to say the least. Even though the summer Olympics are taking place without spectators, the enthusiasm of the athletes is beyond measure. These sports stars of India prove that perseverance and willpower can alter our fate and that success is in our hands. Mary Kom is 38 years now, but despite all odds she sets an inspiration for the youngsters of India.

She came from such humble beginnings and through her hard work, she broke so many records. Even after becoming a mother, she continues to win laurels for the country.

Similarly, it is sure that history books will always remember Neeraj Chopra as the first Indian track and field athlete to clinch a gold medal at the Tokyo Olympics 2020. But his journey was astounding and shocking. He was a chubby kid in 2011, when his family insisted him to join a gymnasium. Chopra would have to travel nearly 20kms away from his village Khandra to visit his gym in Panipat. He was a chubby kid in 2011, when his family insisted him to join a gymnasium. Chopra would have to travel nearly 20kms away from his village Khandra to visit his gym in Panipat.

It was during this time that he came across athletes practicing at the Shivaji stadium and developed interest for javelin throw. He had, incidentally, tried out a few other disciplines, including running, but he chose to continue with javelin throw once he found out that he is good at it.

There are some more stories, but each story takes us to a great teaching that failure means we have to think and use an alternative way.

Players who failed to perform in Olympics should also take this as a new experience and without being depressed they should start again with a new enthusiasm. "Failure is the pillar of success" Sports give us this education. Thus sports play a big part in education. Education is definitely incomplete without sports. Players who failed to perform in Olympics should also take this as a new experience and without being depressed they should start again with a new enthusiasm. "Failure is the pillar of success" Sports give us this education. Thus sports play a big part in education. Education is definitely incomplete without sports.

Name - **Bidisha Mondal**  
Class 11



# SMELLING THE MEMORIES

The smell of the sea might bring back the vivid memories of one of your happy holiday. This is because the smell sometimes unlocks very powerful memories. Surprised? Yes, scientists suspect this happens because the part of brain that recognises smells has strong links to an area called the amygdala, which plays a key role in emotions and memory.

Around 10,000 odours can be detected by our nose. The relation between the sense of smell and memory is probably more powerful than any others. Like, the scent of an orchard in blossom may conjure up the recollections of a childhood picnic with your siblings and cousins. A smell acting as a trigger in recalling a long-forgotten event or experience often happens in a wink of an eye.

A scent is a chemical particle that floats in through the nose and into the brain's olfactory bulbs, where the sensation is first processed into a form that's readable by the brain. Brain cells then carry that information to a tiny area of the brain called the amygdala, where emotions are processed, and then to the adjoining hippocampus, where learning and memory formation take place.

Now, you can wonder that why does smell triggers such strong memories? Well the regions of the brain that juggle smells, memories and emotions are very much intertwined. In fact, the way that your sense of smell is wired to your brain is unique among your senses.

**Name - Adrija Mandal**  
Class 8

## 6 ENDANGERED ANIMALS OF WEST BENGAL



The HIMALAYAN NEWT is a very special creature since it is the only tailed amphibian that is known from INDIA. HIMALAYAN NEWT is highly endangered due to deforestation, human encroachment and use of harmful pesticides in cereals



The Saltwater crocodile is the largest and heaviest living reptiles in the world. In the channels of the Sundarbans harbour it is the top aquatic predator. However, it has been listed as Least Concern on the IUCN Red list since 1996 and is threatened by illegal killing and habitat loss.



Olive Ridelys are the most common turtle on the Bengal coast. They have become endangered due to human activities such as turtle unfriendly fishing practices etc.



The Bengal Florican is a bustard species native to the Indian subcontinent, Cambodia and Vietnam. According to the IUCN Red list, Bengal florican is a Critically Endangered with a very small, declining population, largely as a result of the widespread conversion of its grassland habitat for agriculture.



The Gangetic Dolphin is an endangered dolphin primarily found in the Ganges and Brahmaputra Rivers and their tributaries in India, Bangladesh and Nepal. The species is critically endangered because pollution, dams, shipping etc. have taken their toll on this iconic species.



Indian Wolf is the subspecies of grey wolf that ranges from South Asia to the Indian subcontinent. Although protected since 1972, Indian wolves are classed as Endangered. They are threatened by conflict with humans and intolerance and the loss of both habitat and protections under state and federal endangered species laws.

**Name - Ashutosh Gayen**  
Class 4



# INTERESTING FUN FACTS ON SCIENCE

1. A brain is much more active at night than during the day.
2. The largest organ in the human body is the skin.
3. It takes 17 muscles to smile and 43 to frown.
4. A cockroach can live several weeks without a head.
5. It's impossible to sneeze with your eyes open.
6. In 24 hours our eyes will blink 23,000 times.
7. In 24 hours our heart will beat 100,000 times.
8. In 24 hours our lungs will take about 23,000 breaths.

Name - Dwipanita Das

Class 5

## LATEST SCIENCE DISCOVERIES & NEWS IN 2021

- I) The feeding patterns of black holes offer insight into their size, researchers report. A new study revealed that the flickering in the brightness observed in actively feeding supermassive black holes is related to their mass.
- II) The asteroid accredited with the extinction of the dinosaurs 66 million years ago is likely to have originated from the outer half of the solar system's main asteroid belt, according to new research by Southwest Research Institute (SwRI).
- III) An international research team has retraced the astonishing lifetime journey of an Arctic woolly mammoth, which covered enough of the Alaska landscape during its 28 years to almost circle the Earth twice.
- IV) Astronomers have uncovered evidence of water vapor in the atmosphere of Jupiter's moon Ganymede.
- V) Scientists have successfully reversed age-related memory loss in mice and say their discovery could lead to the development of treatments to prevent memory loss in people as they age.

VI) Two planes report 'bright green UFO' swooping through the clouds over Canada. According to a report posted Aug. 11 to the Canadian government's aviation incident database, both flights witnessed a "bright green flying object" that "flew into a cloud, then disappeared."

VII) Researchers at North Carolina State University have created insecticide-free, mosquito-resistant clothing using textile materials they confirmed as bite-proof in experiments with live mosquitoes.

VIII) Engineers at University of California, Riverside have unveiled an air-powered computer memory that can be used to control soft robots.

IX) Study shows forests play greater role in depositing toxic mercury across the globe.

X) Scientists are certain that dark matter exists. The researchers have proposed an experiment using a membrane made of silicon nitride and a fixed beryllium mirror to bounce light between the two surfaces. If the distance between the two materials changes, the researchers would know from the reflected light that dark photons are present because the silicon nitride and beryllium have different material properties.

### CRAZY FACTS :-

- A) In an entire lifetime, the average person walks the equivalent of five times around the world
- B) An individual blood cell takes about 60 seconds to make a complete circuit of the body
- C) THE SUNSET ON MARS APPEARS BLUE
- D) A cloud can weigh over a million pounds
- E) It's impossible to burp in space
- F) Human eye is a 576 megapixels.
- G) According to scientists, the human nose can detect and recognise three trillion different scents!
- H) Human teeth are as strong as shark teeth!
- I) A red blood cell can make a complete circuit of your body in 20 seconds.
- J) 20% of Earth's oxygen is produced by the Amazon rainforest.

Name - Rudra Narayan Mondal

Class 8



# SHORT STORIES

Once there is a cunning fox. He was very mischief. One day he decided to have fun with his best friend MR crane. So he went to meet MR monkey and invited him for the dinner. When MR Crane arrived, the fox served the soup on a bowl. While the fox was licking the hot soup, MR Crane stood looking at the hot soup. MR Crane cannot drink his soup because of his long bill . He had to go home hungry. He also angry with the fox. He wanted to teach him a lesson. The next day, MR Crane invited the fox for the dinner. This time he served the food in a tall jar. MR crane ate his food using his long bill, while fox stood looking at the food . He had to go home hungry as he cannot eat his food.

# FUNNY JOKES

1. Mother - Ravi why are you reading on blood?

Ravi – Mother, doctor said that you are required to do blood test that's why I am reading on Blood.

2. Teacher – Which one is closer, sun or Africa?

Johnny - sun

Teacher – Why ?

Johnny - We can see sun, but can't see Africa.

3. Mother - Why did you get such a low marks in test ?

Kevin – Because of absence.

Mother – You mean you were absent on the day of the test ?

Kevin – No, but the kid who sits next to me was absent.

4. Teacher – Why are you late Joseph?

Joseph – Because of a sign down the road.

Teacher – What does a sign have to do with you being late?

Joseph - The sign said : school is ahead go slow.

Name - **Dipanwita Das**

Class 5

# FACTS ABOUT UNIVERSE

• Do you know:-

1. India was a island about 225 million years ago.
2. There is a rain of diamonds in Jupiter.
3. About 95% of universe is invisible.
4. No one knows how old Saturn's ring was.
5. The hottest chili pepper in the world is so hot it could kill you.
6. The Canary Islands are named after dogs, not birds.
7. The world's quietest room is located at Microsoft's head quarters in Washington state.
8. The longest place name on the earth is 85 letters long.
9. Four babies are born in every second.
10. There are four quadrillion quadrillion bacteria on earth.
11. Only two countries use purple colour in their national flag.
12. The most expensive coin in the world was sold for more than \$7 million.
13. There are more than 24 time zones around the world.
14. Canada has 9% of the world's forests.

There are 41 countries that recognise sign language as an official language.

# SHORT STORY

• A whisper :-

Princess Karen had a very soft voice and would speak in a whisper. " You must speak a little louder, princess," said her governess, Miss Godfrey, "Otherwise , no one will be able to hear you at all." Princess Karen nodded but was simply not able to do anything but whisper. One day, she was reading, sitting alone in the garden when, she saw a little boy playing with a ball. It was Gary, the gardener's son. His ball fell into the lake and he lay down on the bank trying to reach it. Unfortunately, he tumbled into the water. Princess Karen ran up to him, and quite forgetting her habit, she screamed, "Help! Help!" The gardener was cutting a hedge and heard her. He too ran towards the voice and found that the princess had jumped into the lake to save his little son! In saving him, Princess Karen had found her voice too!

Name - **Trisha Prasad**

Class 8



# NATURE

Nature is a calming and peaceful word.  
It comprises of tree, animals and birds.  
We have learnt to call it Mother Nature.  
But sadly we do is ruthless torture.  
Nature is so beautiful that it blows our mind.  
You can lose yourself in it or find yourself at the same time  
Let's be sensible humans and show our humanity.  
Let's protect mother nature for our community.

Name - **Shreyasi Mondal**  
Class 3

## SCIENTISTS FOUND WELL PRESERVED FOSSIL OF BIRD LIKE DINOSAUR SITTING ON A CLUTCH OF EGGS

In what is seen as a one of a kind discovery in paleontology, scientists have found the fossil of an oviraptorosaur, a type of bird-like theropod dinosaur sitting atop a nest of eggs with fossilised babies inside. The oviraptorosaurs lived during the Cretaceous Period, the third and final time period of the Mesozoic era, which was between 145.5 and 65.5 million years ago. The fossil was discovered from upper layers of the Cretaceous-aged rocks and are reportedly 70 million years old. The discovery was made in Ganzhou City in southern China's Jiangxi Province.



- Dr. Shundong Bi, a member of the research team reportedly said that such discoveries are rare and such well preserved fossil embryos are too. Calling it a spectacular specimen, Dr Shundong says that this is the first time a non-avian(not related to birds) dinosaur has been found sitting in such a posture.
- The scientists have also suggested that the dinosaur's behaviour makes it similar to birds when it comes to laying eggs and hatching the little ones. Unlike crocodiles who lay eggs and then just guard them from nearby, the oviraptorosaur in this case has been seen to physically protect them like birds do.

Name - **Souptik Gayen**  
Class 5

## TRIVIA ABOUT SCIENCE

Brain is the one of the amazing organ present in the human body which performs action faster than the super computer.

There are 100 million microscopic cells which are called neurons which are the part of our nervous system.

It takes about 3000 years to count all of your neurons.

Albert Einstein had more cells in his brain compared to normal brain.

One of the great scientist of recent times, Stephen Hawking had the brain which was paralysed but still It has given us lots of information. Ex; black Hole theory which has helped us a lot regarding the understanding of the origin of the earth.

Name - **Sumanta Ghosal**  
Class 4



# LATEST DISCOVERY OF SCIENCE & TECHNOLOGY

1. Starkey Livilo AI--- – advanced hearing aids –connect via bluetooth to with accessories and smartphones. It enhances the hearing ability.

2. Valve index---- way to go for players who are serious about VR gaming- not self contained, requires a room set up with cables; dual 1440\*1600 LCDs with upto 144Hz frame rate ,stereo 960\*960 global-shutter cameras, dual microphone array.

3. Skin Ceuticals Unique skin Care-- -15%L -Ascorbic acid,1% Alpha Tocopherol,0.5% Ferulic acid-personalised clinical grade serum- attractive look.

4. FLYTE Levitating Light Bulb--- designed in sweden-ability to hover by magnetic levitation ;is powered through the air –highly efficient LEDs that are rated 50,000 hours.12 hours of usage a day for long 11 years.

5. Verilux Clean wave sanitizing wand---advanced UV-C technology ,helps it eliminate odor causing bacteria and germs.

6. Flexwarm smart jacket---built in heating elements placed at chest,wrist back parts-keeps hot in cold environment.

7. Water walker and spa---similarity with modern bathtub and comes with a moving surface at the bottom for walking or running.

8. Phree electronic sensor pen---world's 1st unrestricted write –virtually anywhere electronic sensor pen with 3D optical

9. Copy and paste----smart scanning and printing tool-prints directly into notebook tracking engine ;can be connected via bluetooth.

10. MIITO-readied to heat any liquid directly in a vessel 'which can be a good part in reducing water and energy usage; smart alternative to electric kettle.

11. Arubixs foldable smartphone cum smartwatch

12. The wearable reading light –reading a book before hitting bed without any disturbance;2700kelvin of warm white light and 7000 kelvin of cold white light; 16 hours of usage, 2.5 hours for a complete charge with the bundled USB cable.

. Ambassador headphones translators

iMicro C-a fingertip microscope for any phone or Cam MyMe-AI for humans

.Xiaomi hand warmer powerbank,Dolfinext gen washing device,solar roadways,portable water power generator,

.Spin on lamp for inner child,

.NANO1-world's smallest astronomy camera,

.Bimoz—world's lightest and smartest e bike drive etc.

Name - **Soumyaa Sardar**

Class 12



# HUMAN HEALTH AND PESTICIDES

“The final principle of natural farming is NO PESTICIDES. Nature is in perfect balance when left alone.” -Masanobu Fukuoka

Pesticides are chemicals that prevent insects, weeds, fungi from damaging crops. Farmers use them to increase the amount of crops they are able to produce. Pesticides are sprayed at the appropriate time of the pest's life cycle to control their population. As our Indian economy is dependent on agriculture and has a large population, more pesticides are used to produce more crops.



The use of wide range of chemicals to destroy pests and weeds is an important aspect of agriculture. Undoubtedly, this has increased crop yield and reduced post-harvest losses. However, wide use of pesticides can be toxic to humans, but the function of the pesticide determines how harmful they are. The effect may also depend on the amount and concentration of the pesticide. It can also have different effects depending on whether a person gets it on the skin, swallows it, or inhales it. The World Health Organization suggests that coming into contact with large amounts of pesticides could effect reproduction and potentially be a cause of cancer.

Although we know that by using more pesticides we can get more crops from less land and use the same land over and over again. But we need to reduce the use of pesticides as much as possible keeping in mind the human health. We will use manure as much as possible instead of pesticides on the land. Ultimately, our purpose is to live a healthy life.

Name - **Aryan Abid**  
Class 8

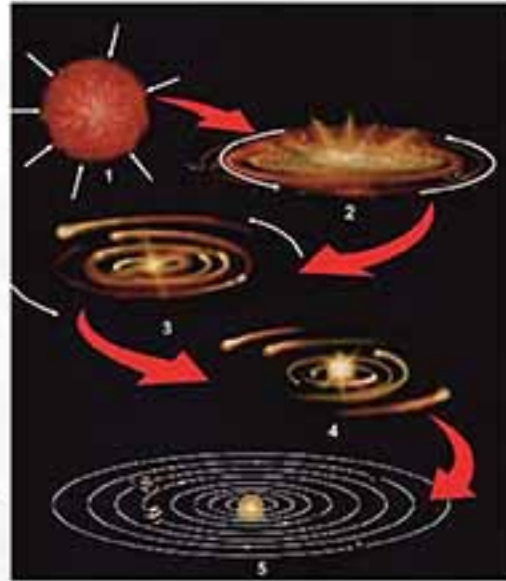


↑ Skin problems caused by pesticide exposure.

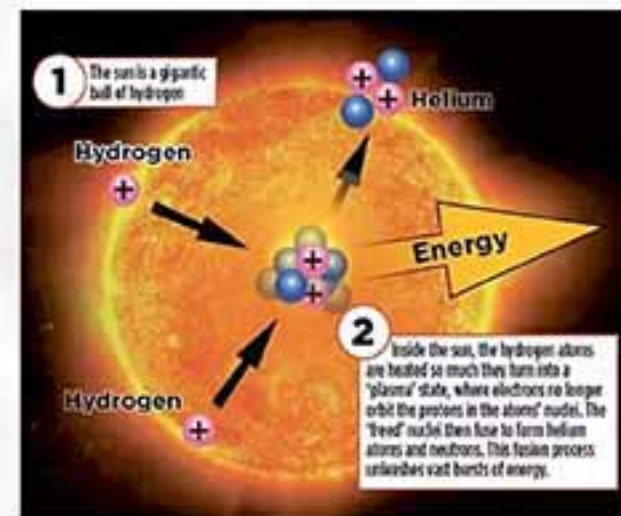
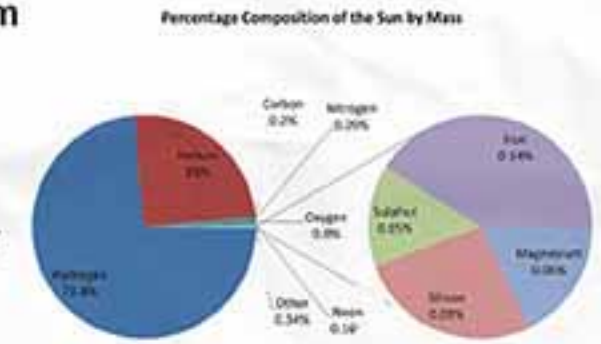


# SUN AND SOLAR ENERGY

The sun has been worshiped as a life-giver to our planet since ancient times. The sun along with its sets of planets and other natural objects moving around it are jointly referred to as solar system. The formation and evolution of the solar system began about 4.5 billion years ago with the gravitational collapse of a small part of a giant molecular cloud. Most of the collapsing mass collected in the centre, forming the sun, while the rest flattened into a protoplanetary disc out of which the planets, moons, asteroids and other small solar system bodies formed. This model known as the nebula hypothesis which was first developed in the 18th century by Emanuel Swedenborg, Immanuel Kant and Pierre-Simon Laplace.



The sun by mass has 73.4% Hydrogen, 25% Helium and remaining percentages are Carbon, Nitrogen, Oxygen, Neon, Magnesium, Silicon, Sulphur and iron. The type of nuclear reaction taking place in the core of the sun is known as nuclear fusion and involves Hydrogen nuclei combining together to form Helium. In the process, a small amount of mass is released as energy and this makes its way to sun's surface before beaming out into space. The outward pressure of all this energy flowing out from the core to the surface helps to support the sun against the force of gravity preventing collapse and keeping it stable over a long period of time. The diameter of sun is about 1.39 million km or 109 times that of Earth, its mass about 330,000 times that of Earth its accounts for about 99.86% of the total mass of the solar system and most of that final 0.2% comes from Jupiter. So the mass of the Earth is a fraction of a fraction of the mass of the solar system.



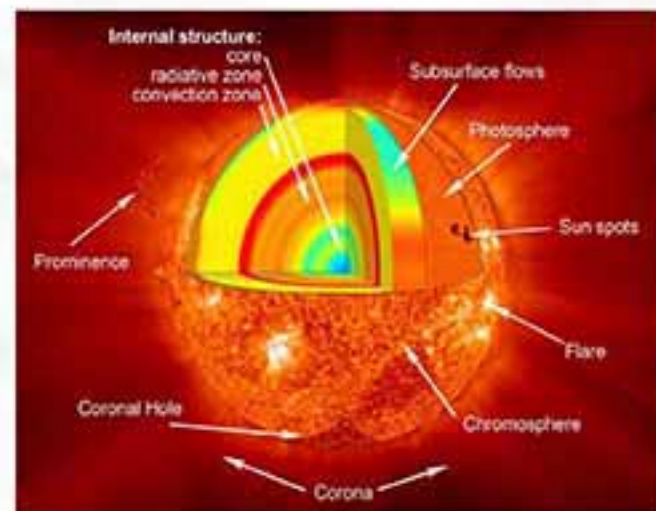
The sun is the star at centre of the solar system. It is a nearly perfect sphere of hot plasma heated to incandescence by nuclear fusion reaction in its core, radiating the energy mainly as visible light, ultraviolet ray and infrared radiation.



Sun is by far most important source of energy for life on Earth. At present solar technologies are developed in our world. Three primary technologies by which solar energy is harnessed: Photovoltaic (PV), which directly convert light to electricity; Concentrating solar power (CSP), which uses heat from the sun (thermal energy) to drive utility-scale, electric turbines, and solar heating and cooling (SHC) systems, which collect thermal energy to provide hot water and air heating or conditioning. India is endowed with vast solar energy potential.

About 5000 trillion kwh per year energy is incident over India's land area with most part receiving 4-7 kwh per square meter per day. Solar photovoltaic power can effectively be harnessed providing huge scalability in India.

The sun has six regions: The core, the radiative zone, and the convective zone in the interior; the visible surface, called the photosphere; the chromosphere; and the outer most region, the corona.



National Solar Mission (NSM) was launched on 11th January 2020. The Mission targets installing 100 GW grid connected solar power plants by the year 2022.



Name - Aviraj Roy  
Class 6



# POLITICS- AS WE SEE IT

-Hey Ishita, are you aware of the policy action taken up by the Indian Government regarding the employment related measures in this covid situation? - Oh leave that! I am not interested in this politics and all those. What do you think, this is only the case of Ishita? No! its not like that Nowadays, approaches to youth engagement typically focus on withdrawal from conventional politics and participatory transformation .Youth participation is a complex story to tell. However, there is currently a wide agreement that the forms, repertoires and targets of youth political engagement are changing and expanding . But , when compared to older generations, today's youth are less interested in conventional politics.

As per a recent report , more than 50% of India's population is below the age of 25, and more than 65% below 35. So going by statistics, India's youth can play a fundamental role in shaping and running the biggest democracy in the world. Yet, only 6% of the leaders and ministers in the government of India are below the age of 35. This is really shocking and implies that in spite of the availability of talent, enthusiasm, knowledge and resources, the youth of this country are not interested in jumping onto the bandwagon, be a part of the politics in India and contribute in the workings of the country. Where we have numerous young and extremely successful entrepreneurs who are earning huge money, we don't have an equal number of young political leaders who can run the country.

What exactly is keeping the young intelligent minds of this country away from getting into politics? Why, even in the 21st century, do educated and bright youths not want to start a full-fledged political career?

The responsibility should be taken by the Politicians as well as our Society. "Politics is a dirty drain , world of lies, web of corruption " all these lines are tagged with politics due to some mean and cheap politicians . Society is responsible because with time they are also gradually accepting them. Now no election is done between 'Good' and 'Bad' but between 'Bad' and 'Worse'.

Our society runs depending on Social rules, Economical rules, Religious rules , Cultural rules and Political rules. Afghanistan shows the consequences happen if one Rule overpowers other. Such is for Political rules also . In India it is overpowering all other rules so we all should wait for the impact.

If you think, nepotism exists only in Bollywood, think again. Indian politics is one of the world's biggest fields for nepotism where most of the picture is run by the aristocratic, old Indian political families. A leader's child is expected to follow their parent's footsteps. Surprisingly, they might get more popular than a genuine youngster who has just entered the field and is working hard. It's extremely difficult for the outsiders to prove one's talent, work and achievements and reach out to the public at the grass root. Also, powerful 'Netas' have various means to ensure that a good newcomer is shown 'their place' if they come in the way of their successor's path. So it's a slippery situation altogether.

More than the actual work one does, it's more important today to promote the work. Millions are spent today on advertising and marketing. Though we all know that if someone works for the development it is itself an advertisement . Even for doing some really good work, one requires money and it's hard to come from middle-class families with limited savings and make a commitment. In such cases, one has to raise the money through illegal means which is a big reason not to enter politics.

Just do a check of the some of the big political parties in India and the number of politicians with criminal charges. It's astounding and shocking. Every day there is some new story about the political parties and all the illegal practices happening within a party – be it corruption, murder, money laundering, land grabbing. This news can scare the shit out of even some of the bravest people around. It's no surprise that youth want to keep away from the murky quicksand which can engulf anyone. No one is sure what happens. Even if they are clean what if they are wrongly implicated or cheated? Better keep away! Even parents are scared and would not want their children to enter a profession so full of lies, uncertainty and danger.

So is there nothing positive in politics? Yes! Certainly. If politics is not for the welfare of the people how can we get memorable leaders in the pages of history. Through diplomatic powers, tactics and foresightedness our freedom fighters and political leaders were able to integrate the Princely States in the Indian Union. Such was the level of politics. We all should try to achieve the standard. Therefore the gap between Youth and Politics is to be filled by a normative equipment , with the school indicated as a fundamental , structured and unbiased locus of political education because young people are the future that will support all the generations before them.

Name - **Bidisha Mondal**  
Class 12



# CURSE OF COVID-19 ON CHILDREN

Covid-19, also known as Coronavirus, has affected every aspect of human life including children. Whether it's the mental health, physical health or a combination of both – the children have had their own share of health problems during this pandemic phase.

Increasing eyesight problems with frequent headaches are attributed to prolonged screen time. In addition, increasing anxiety and depression due to home confinement along with sleep disorders are on the rise.

Children attending online classes at home are not bound to have classroom professionalism. Hence, their physical health is deteriorating too in many aspects:

- Poor ergonomics:** Unlike classrooms, the children are not bound to follow good ergonomics at home. Taking online classes on bed and sofas are one of the most common reasons that we can attribute to the recent rise of back pain in children.
- Lack of physical activities:** Obesity in children is also on the rise either due to lack of outdoor physical activities or due to binge eating and easy availability of junk food.
- Deficiencies of Calcium and Vitamin D:** Apart from lack of physical activity, lack of sunlight exposure and poor diet also contributes to Calcium and Vitamin D deficiencies. Muscle cramps, spasms and strains/terras are common with trivial injuries / bad postures when a child is having severe deficiencies.

Parents need to be cautious as well as to make sure that their children remain fit and healthy. These are some of the ways parents can keep their children healthy.

- Wearing face masks, social distancing and emphasis on personal hygiene are a must for all of us.
- The need to create a classroom atmosphere at home to respect and maintain professionalism and good ergonomics
- To set a screen time for mobiles and other electronic devices after class hours and encourage children to engage in recreational habits like painting.
- Healthy muscles need good hydration and healthy food habits. Keep away from binge eating and junk foods.
- 30-45 minutes of sunlight exposure with a minimum of 1-1.5 hours of physical activity whenever feasible is a must for all growing children.
- Parents need to set an example for their children.

Not only did health but also education worldwide has been affected by the Covid-19 pandemic. Over 1.5 million schools across India closed down due to this pandemic and switched to digital education. In rural India, only 4% households have the internet due to which 65% of young people reported having learned less since the beginning of the pandemic because of the transition from classroom to online and distant learning during lockdown. The widespread effect of Covid-19 affected more than 91% of students worldwide.

In this situation, online learning has become a critical lifeline for education. But, lack of access to technology or fast, reliable internet proves to be an obstacle for students from rural areas and disadvantaged families. Surprisingly, in regions where online learning is not feasible, some parents have resorted to desperate measure to cope with the financial stress placed on them by the pandemic. On the other hand, the students who can adapt themselves with the digital learning are also facing problems. There is a lack of interaction between the teacher and fellow peers, which is a big loss for the students. Getting distracted by social media and video games during online classes is yet another hurdle in the path of learning. Various exams are held online, where students use unfair means to pass with flying colors.

Although there exist numerous problems regarding the health and education of students during this pandemic situation, the government of different countries are trying their best to control the situation and revert back to the normal life. Therefore, co-operation, safety precautions and patience are required to be maintained to overcome this hurdle of the life as soon as possible!

Name - **Junaid Uddin** And **Purbasha Das**  
Class 11



# “HISTORY IS NOT A BURDEN ON THE MEMORY BUT AN ILLUMINATION OF THE SOUL”- LORD ACTON



## CHARM OF UTTAR PRADESH

India is full of beautiful monuments, old religious places, and huge forts. But the most famous among all the historical buildings in India is Taj Mahal. It is a very popular place for tourists, both among Indians and foreigners. The Taj Mahal is situated on the banks of the river Yamuna in the city of Agra, Uttar Pradesh. So, my lovely readers why don't we have a look on the place and state where it is situated..... Let's all join hands and see some intriguing about Uttar Pradesh

UTTAR PRADESH is a state northern India. It was created on 1 April 1956, and UP is a very beautiful state. Its name means “Northern Provinces”. It is one of the great historical and religious centres of India. The sacred Ganga River is the physical and spiritual life source of the region. The Kumbh Mela, which has been described as the religious gathering of people anywhere in the world, takes place every 14 years in Allahabad. In early 2001, it drew 50 million people to the city. Mathura, south of Delhi, is regarded as the birth place of the Hindu God Krishna. And Varanasi (Benaras), the holiest city in India, is where allegedly every devout Hindu hopes to die and be cremated.

## HISTORICAL FACTS ABOUT UTTAR PRADESH

During British period the state Uttar Pradesh was called NWP which is the abbreviation of North West Province of Agra and Oudh which was renamed as United Province of Agra and Oudh in 1902. And which was again in short called as United Provinces.

Uttar Pradesh was very important place or centre during freedom struggle. Some important national leaders were Motilal Nehru, Jawaharlal Nehru, Madan Mohan Malviya and Govind Ballabh Pant and they were the members or representatives of Indian National Congress.

It is the hearthstone to most powerful empires of medieval and ancient period— Magadh, Nand, Maurya, Sunga, Kushan, Rashtrakut, Pal and Mughals.

The Revolt of 1857 i.e., the Sepoy Mutiny started from Meerut by Mangal Pandey.

Tree of Parijat, which keeps changing the colour of its flower in the day. There is only one tree of Parijat all over the world, which is 40 kilometres away from Lucknow

Moradabad town of Uttar Pradesh is famous for brass handi crafts and it is also known as “brass city”.

It is the home of premier educational institutions like Banaras Hindu University, Aligarh Muslim University, Darul Uloom Deoband.

Kathak is an important classical dance of Uttar Pradesh. Pandit Birju Maharaj is an important exponent of this dance form.

## GEOGRAPHICAL FACTS OF UTTAR PRADESH

Uttar Pradesh shares its border with almost 9 states of India – Uttarakhand, Himachal Pradesh in north, Haryana, Delhi and Rajasthan in West, Madhya Pradesh and Chhattisgarh in South, Bihar and Jharkhand in East. And its international borders with Nepal in north.

It is the 4th largest state by area and top most state by population.

The largest district by area in Uttar Pradesh is Lakhimpur Kheri and by population is Agra.





## INTERESTING FACTS ABOUT UTTAR PRADESH

Buddhism and Jainism spread across the entire world from the soil of Uttar Pradesh, Buddha received Mahanirvana in Kushinagar.

In the 2013 Kumbh Mela in Allahabad city, the highest number of people in the world had gathered at one place, which is a world record, 120 million people came to the Mela.

Tree of Parijat, which keeps changing the colour of its flower in the day. There is only one tree of Parijat all over the world, which is 40 kilometres away from Lucknow Moradabad town of Uttar Pradesh is famous for brass handi crafts and it is also known as "brass city".

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UP is the first state in domestic tourism with more than 71 million tourist arrivals.



Now at last we come to our most indelible, catchy, haunting and unforgettable emplacement is the building of Taj Mahal. This monument is on the list of the Seven Wonders of the World which is located in Agra, Uttar Pradesh. No wonder people swarm in flocks all year to witness the magnificence of its beauty. In other words, it is the excellence of Mughal architecture. Taj Mahal was brought to life by the vision of the Mughal Emperor Shah Jahan. He got this monument built for his beloved wife, Mumtaz Mahal after she passed away. Construction of Taj Mahal began in 1630 and was completed in the year 1653. Taj Mahal was declared as a Heritage site by UNESCO in 1983. WHAT MAKES THIS MONUMENT SO SPECIAL?? WHY DO PEOPLE COME FROM ALL WALKS OF LIFE TO WITNESS THE MAGNIFICENCE?? Taj Mahal is made from white marble. This marble was exported from various countries from all over the world. The walls of the monument are engraved with quite expensive stones. The reflection of Taj in the water just makes a "aha" view. Around 4 million people come to visit the Taj Mahal every year. The beauty and the history of the monument attract people the most and makes it famous all over the world.

### HOW STATES FARE

■ Top five states for domestic tourist visits (in million)

	2011	2010
Uttar Pradesh	155.4	144.8
Andhra Pradesh	153.1	155.8
Tamil Nadu	137.5	111.6
Karnataka	84.1	38.2
Maharashtra	55.3	48.5

■ Top five states for foreign tourist visits (in million)

Maharashtra	4.8	5.1
Tamil Nadu	3.4	2.8
Delhi	2.2	1.9
Uttar Pradesh	1.9	1.7
Rajasthan	1.4	1.3

Source: Ministry of Tourism

Name - **Maheera Islam**  
Class 09



# REFUGEE IN INDIA

World Refugee Day, which is observed every year on June 20 to honour and celebrate refugees around the world, is aimed at recognising the strength of those who have fled their home country to find a safe haven for a better life.

Recently, there has been an influx of illegal migrants into India after the military coup and subsequent crackdown in Myanmar. The current plight of the Myanmar people has been preceded by that of another group of Myanmar people, the Rohingya.

Historically, India has witnessed an inflow of refugees from many neighbouring countries. The refugee issue poses a problem for the state as it puts an economic burden, may trigger demographic changes in the long term, and poses security risks as well. However, taking care of refugees is the core component of the human rights paradigm.

India is home to 2.44 lakh refugees and asylum seekers. Of these, 2,03,235 refugees are from Sri Lanka and Tibet and 40,859 refugees and asylum seekers of other nationalities. There are nearly half a million Nepali immigrants residing in India, according to the International Labour Organization. India refugee statistics for 2020 was 195,403.00,

Maharashtra stands at the top of the list with 2.3 million net migrants, followed by Delhi (1.7 million), Gujarat (0.68 million) and Haryana (0.67 million) as per 2001 Census.

India is not a signatory to the 1951 Refugee Status Convention. India is also not a signatory to the 1967 Refugee Status Protocol. 1951 Refugee Status Convention is also called as the Geneva Convention of 28 July 1951. It is a United Nations Multilateral Treaty that defines refugees and the rights of these refugees who are granted asylum and the responsibilities of the nations that grants asylum to them.

In spite of not being a party to the 1951 Refugee Convention and its 1967 Protocol, India has been one of the largest recipients of refugees in the world. However, if India had domestic legislation regarding refugees, it could have deterred any oppressive government in the neighbourhood to persecute their population and make them flee.



Name - Parveen Dewan  
Class 10

# THE ARAB HORSE TRADER AND TENALI RAMAN

Once, an Arab horse trader came to the King Krishna Deva Raya and said, "Your majesty, if you need, I can provide you the finest Arabian horses in two days." Krishna Deva Raya gave him an advance of 5000 gold coins for 1000 horses. Two weeks passed. But the horse trader did not return. Krishna Deva Raya asked his courtier, Tenali Raman, "What are you writing?" Tenali Raman replied, "I have made a list of the biggest fools in your kingdom." Seeing his name at the top of the list, Krishna Deva Raya was very angry and asked, "Why have you put my name at the top of the list?" Tenali Raman replied, "Whoever gives a stranger 5000 gold coins and thinks that he will return is the biggest fool, your majesty." Krishna Deva Raya asked, "What if he returns?" Tenali Raman replied, "Then, I will put his name at the top of the list instead of yours." Krishna Deva Raya understood his mistake and said, "I must consult you, Tenali Raman before taking an important decision."

MORAL OF THE STORY- No body should believe a stranger.

Name - Bidushi Mondal  
Class 5



# LET'S KNOW ABOUT KNOWN AND UNKNOWN FACTS ABOUT SOME THE MUGHAL RULER

## HOW DID THE MUGHAL DYNASTY CAME INTO BEING

Ibrahim Lodi who was the last ruler of Lodi dynasty ,was defeated by Babur in the first battle of Panipat which took place in 1526 CE.

Ibrahim Lodi was killed and in this way Delhi Sultanate came into an end and Mughal rule commenced.



### BABUR

He was the builder of the Mughal Dynasty. Babur was born in 1483 and had become a great king of Fergana near Samarkand in central Asia at the age of 12. He fought many wars. He had a lineage of two ruler families. From his father's side he was a descendant of Timur and from mother's side that of Genghis Khan who was a Ruler from Mongol region of China in Central Asia .

Some famous battle of Babur are-

- i) BATTLE OF PANIPAT -1526
- ii) BATTLE AT KHANUA -1527
- iii) BATTLE OF CHANDERI -1528
- iv) BATTLE OF GHAGRA -1528

His empire extended over nearly the entire North India.

He died in 1530 CE.

He was succeeded on the throne by his elder son Humayan.

### HUMAYUN

Humayun means 'fortunate'. But it appears like the name did not bring him much fortune. He had to face many difficulties from the very beginning of his rule. He had to face hostilities from his brothers and his relatives .

Battles he fought –

- i) BATTLE AT CHUNAR (In Bihar)-1532
- ii) BATTLE OF CHAUSA -1539
- iii) BATTLE OF KANNAUJ -1540

Sher Shah pleaded submission and Humayan returned back to Agra Without actually conquering the kingdom of Sher Shah Suri .He later used to attack Humayan .Meanwhile he Sher Shah attacked Bengal and this news alarmed Humayan .Humayan moved to east to fight with Sher Shah. However due to a conspiracy with his own brother he did not succeed .

After this defeats he flee to Iran and Sher Shah took over the reigns of his kingdom, After the death of Sher Shah Suri in 1555. He did not live very happy after regaining control of the empire for the second time .He died in 1556 after suffering injuries of slipping down from stairs in his quarters. Humayan's son Akbar took over the reigns of the Mughal empire.





## AKBAR

Akbar was the greatest king of the Mughal Empire .His real name is Jalal-ud-din Muhammed .He was 13 years old when he became a king. His father Humayan appointed Bairam Khan as Akbar's tutor and after Humayan's death Bairam Khan became his guardian,

He started to look after the affairs of the administration .Akbar ascended the throne when the position of the Mughals was not very strong .Hemu, the commander –in-chief of an Afghan ruler Adil Shah Captured the throne of Delhi after defeating the Mughal Governor of Delhi, Terdi Beg .Thus, Hemu captured Akhbar's kingdom and acquired the title of Vikramaditya .But Bairam Khan decided to face Hemu,a war was fought in Panipat in 1556 in which Hemu was defeated .Delhi and Agra was won back by Akbar's army . He conquered various states like Gwalior,Ajmer,Malwa,Odisha, Khandesh,Kandahar,

Kabul,Bengal ,Bihar,Berar and parts of Ahmednagar .

Kashmir was also annexed.

Akbar realized that the Rajputs were a martial race who were loyal and brave .He felt that he could get good soldiers from them and which could

help him in maintaining large army .Therefore he appointed a policy of friendship towards them .Akbar treated Rajputs like friends and he married the daughter of Raja Bihari Mal of Amber and he got his son Jahangir and Jahangir also married the daughter of Bhagwan Das .He also appointed Rajputs in higher positions in his court like Raja Todar Mal was the Revenue Minister .Raja Man Singh was also his close confidant and military commander.He also granted religious independence to the Rajputs .All Rajputs were submitted to him after fighting were also given respect and honoured by him.

### Battles he fought -

i) BATTLE OF PANIPAT II-1556 CE

ii)BATTLE OF HALDIGHATI-1576 CE

Akbar believed in the policy of equality,tolerance,kindness and harmony .He established ibadat khana at Fatehpur Sikri for the purpose of conducting religious debates and discussions with the learned people of other religions .He believed that people who were adamant and intolerant to other religions were dividing by the society by ordering developed a Suhl-i-kul meaning universal peace and in 1582 he started a new religious faith or order called Din-i-Ilahi wherein there was respect and space given to everyone to practice their own religion .



## JAHANGIR

Jahangir was Akbar's son who was also known as Salim .He ruled 22 years after the demise of Akbar.In the last 16 years of his life his wife Nur Jahan ,exercised a great influence on him even a signed orders on his behalf he is famous for the 'chain of justice' This was chain connected to a bell and any aggrieved man could pull the chain and thus sound the bell or approach him directly. Gold and silver coins showing the pictures of Jahangir and NurJahan was also minted during his regime .In Jahangir's time an english trader, sir Thomas Roe came to his court and granted permission to trade with India.He had continued with the administrative system and policies of Akbar .He died in 1627 CE.





### SHAH JAHAN

Shah Jahan was the son of Jahangir. He undertook several military campaigns in the Deccan region. Bijapur and Goloconda submitted to the Mughals. Shah Jahan was also known as 'Engineer king'. It was during his time that many buildings of great designs and aesthetic quality were constructed. He also built Taj Mahal in the memory of his wife Mumtaz Mahal.

Some of the other important buildings of his time are Moti Masjid at Agra, the Red Fort and Jama Masjid at Delhi.



### AURANGZEB

He was the son of Shah Jahan. He imposed a tax known as jazyah on non-muslims. He also reversed the policy of friendship with the Rajputs and waged wars against them. He was a king with a destructive mind. He demolished many temples and constructed some mosques in different parts of the empire. His policies of intolerance led to widespread unrest and there were conflicts.

**Name - Poulami Pramanick**  
Class 07



# FUN FACTS

The Mariana Trench is so deep that the M.T Everest can fit inside the Mariana Trench!

The Iron pillar in the Qutb complex hasn't yet rusted even today!

The movement you cross to east of the International date line we gain or add a day, and if you cross to the west of it you loose or subtract a day!

Millions of years ago large parts of the earth were covered with ice! It was known as the ice age!



ICE AGE GLACIERS



MARIANA TRENCH

It is that Baobab trees' trunk has 1,000 litres of water!

In Atacama desert it doesn't rain for years!

On Meenakshi temple the paintings of gopurams are uncountable!

Name - **Sumanta Ghosal**

Class 05



# GAGANYAAN

## INDIA'S 1ST MAN-MISSION

### Mission: Gaganyaan

Hi friends today I'm going to tell you about Gaganyaan. "Gaganyaan" word derives from Sanskrit which is our ancient language. In Sanskrit Gaganyaan is "gagan" word means Sky & "yaan" which means Vehicle in English we can say it Sky-Craft or Sky-Vehicle. Well it's a current project in which ISRO (Indian Space Research Organization) is working on. This mission has two parts. The 1st part is to send an unmanned spacecraft out of earth's exosphere which is a test. This unmanned mission will be active in December of 2021 & the second test will occur in 2022. GSLV MK-III (Geo-synchronous Satellite Launch Vehicle Mark III) will be used in these tests. Now let's come to the 2nd part. In this part we'll get to know about India's 1st man mission to space. Gaganyaan crew module is fully autonomous. The weight of the spacecraft is 5.3 tons (12,000 lb) which is designed to carry a 3-member crew to orbit and safely return to the Earth after mission duration of up to a week. It has 2.9 tons (6,400 lb) service module is powered by liquid propellant engines. The crew module is mated to the service module, and together they constitute 8.2 tons (18,000 lb) orbital modules. As of May 2019, design of the crew module has been completed. The ultimate project director of Gaganyaan is V. R. Lalithambika. ISRO has made a female-looking space faring humanoid robot named Vyommitra.



"Vyommitra" word derives from Sanskrit which is "vyom" which is Space & "mitra" which is friend total it means Space-Friend. Here in the mission our Vyommitra will instruct everything like Takeoff specifications, landing specifications, alert signals etc. to the Vyomnauts. Oh! See I just forgot to tell you about the Vyomnauts. Actually they're someone who travels to space for India with an Indian Space-Craft or Launching Vehicle. We can also say that Vyomnauts are Indian Astronauts. This "Vyomnaut" word again comes from Sanskrit & Greek as well, you all can see "vyom" is Space & "naut" is sailor or traveller. We can say them Space Travellers or Space Sailors in English & can also say "Antariksh Yatri". There are 3 Vyomnauts in this mission. They've been selected from the IAF (Indian Air Force). They're training has been started from a long time ago. They're having training at Gagarin Research & Test Cosmonaut Training Center (GCTC). The Vyomnauts will be trained for abnormal landing in various terrains including forests, rivers, seas & oceans. The crew module will be separated from the rocket at an altitude of 126 km. On board motors will control and reduce the speed of the module until an altitude of 80 km (50 mi). Thrusters will be shut off at that altitude and atmospheric drag further

reduced speed of the capsule. The module heat shield is expected to experience temperature in excess of 1,600 °C (2,910 °F). Parachutes will deploy at an altitude of 15 km (9.3 mi) to slow down the module which will perform a splashdown in the Bay of Bengal near Andaman & Nicobar Islands. About 16 minutes after liftoff from the SDSC (Satish Dhawan Space Center), Sriharikota, the rocket will inject the spacecraft into an orbit of 300–400 km (190–250 mi) above Earth. When it's ready to land, its service module and solar panels will be disposed off before re-entry. The capsule would return for a parachute splashdown in the Bay of Bengal Crew module is equipped with two parachutes for redundancy, while one parachute is good enough for safe splashdown. The parachutes would reduce the speed of the crew module from over 216 m/s (710 ft/s) to less than 11 m/s (36 ft/s) at splashdown. A crewed spacecraft would require about \$1.77 billion over a period of seven years, including the \$0.7 billion for the initial work of the crewed spacecraft during the Eleventh Five –Year Plan (2007–2012) out of which the Government released \$7 million in 2007-2008. In December 2018, the government approved further \$1.5 billion for a week crewed flight of 3 Vyomnauts to take place by 2023. India will be the 4th country in the world to launch humans into space, with its Gaganyaan project Gaganyaan is targeted for December 2023 with the training of the astronauts taking place in Russia. So today we know a lot about Gaganyaan Mission & it's time now to go. Bye friends. See you later. Stay Safe ☺ Stay Healthy.



ISRO



Gaganyaan Mission's  
Launching Vehicle



Kailasavadivoo Sivan  
(CEO of ISRO)



V.R Lalithambika  
(Project Director of Gaganyaan)

Name - **Subhrajyoti De**  
Class 07



# WOMEN POWER

Even today in India, women are not given equal importance like the men. Though earlier they were held in equal esteem with men but their condition declined gradually. Residing in such a world, Bhakti Sharma became a woman sarpanch of the village of Barkhedi Abdullah in Bhopal by fighting against many hurdles and hindrances.



Bhakti Sharma is a Masters Degree holder in Political Science. She used to work in the US. While working there she noticed that all the people, even those standing in lowest ranks, are well educated. They are also provided with good facilities which made their life easy and helped in the progress of the US. She understood that education is the best weapon to improve the lifestyles of backward people. She was troubled because on one hand she had the opportunity of having the comfort of settling in the United States while on the other hand she wanted to make progress in her home country. However, choosing to return to India was the better option which was later realized by Bhakti. At that time the village of Barkhedi Abdullah was poorly maintained. It was cut off from basic facilities due to terrible road connectivity, people of more than 80 per cent lived in kaccha (make shift)cottages, heavy rains were the main cause of flood in the roads to school. Thus students were hardly connected to education. Lack of electricity, water also appeared. But due to her presence, the village was completely changed and conditions improved in case of roads, transport, access to electricity and water, transformation in appearance of the houses.

She also focused on absorbing women in gram sabhas and provided them facilities for attending those from houses. She improved the statuses of women by educating them, celebrating the births of girl children etc. She also helped with documentation and government schemes. Bhakti did all these transformations using available resources. Thus she proved that the correct use of resources can change a small thing to a big one as she did. Despite these, she continued studying and achieved her law degree while handling duties as sarpanch. During her fight for election, the villagers were ready to accept such an established and genuinely educated woman.



Her journey and hard work serve as inspiration to many women and now she is the backbone of the women in society. The village of Barkhedi Abdullah is now described as the portrait of a modern village. Moreover, the all-round progress of the village she brought is being showcased from place to place, television to television.

Name - Suchetana Gayen  
Class 08



# TRAVEL TO A HISTORICAL PLACE

During the Christmas holiday in 2019, our family visited Rajasthan. The state of Rajasthan is full of places of historical importance. I was so excited when we boarded the Howrah JU express from Howrah station. My father had booked a hotel in Jaipur online. After a long train journey, a refreshing bath in our hotel room made me ready to start a journey through the passages in history. We visited many places and forts like Jaipur, Chittorgarh, Nahargarh, Jaisalmer etc. All these are famous places depicted in films too. I admire those, but I was waiting for Kumbhalgarh. I have read about the great wall of China. Although I am not very eager to visit China, I earnestly wanted to visit our own great Wall at Kumbhalgarh, next only to China. After seeing the lake palace of Udaipur, our rented taxi took us to next important fort in Mewar after Chittorgarh built by the architect "Mandan" under the instructions of Rana Kumbha of Mewar in 15th century. Kumbhalgarh has a perimeter wall that extends 36 km making it the second largest wall in the world. It was built on a hill top 1,100 m above sea level on the Aravalli range. The frontal walls are 15 ft thick and the fort has seven fortified gateways. There are more than 350 temples within the fort. Inside the fort, there is Lakhola Tank and Badshahi Baudi. The gates have names like Ram Pol, Hanuman Pol, Halla Pol etc. Walking within the fort gave me goosebumps



## KUMBHALGARH

It is said that prince Udai whose nanny saved his life by sacrificing her own son, was brought here. Even Maharana Pratap was also born here. Such a majestic structure that has stood proudly braving Muslim assaults for so many centuries, brought tears to my eyes. After seeing such an expanse of walls, I have no wish to see the great Wall of China. This will always remain a memorable experience.

Name - **Sutithi Das**

Class 08



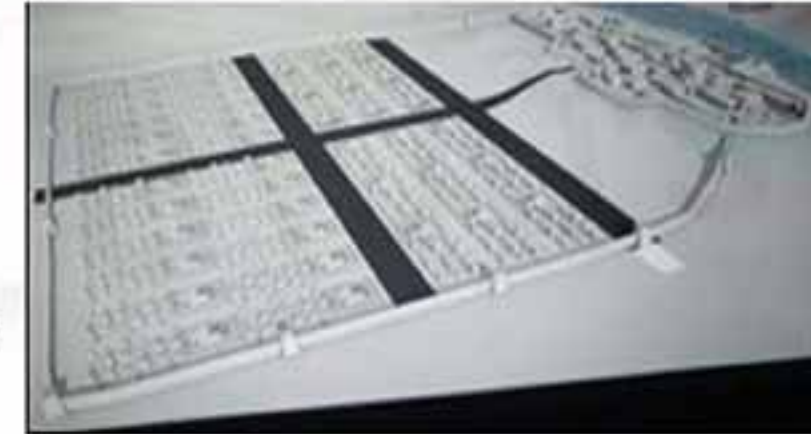
# THE STORY OF THE INDUS VALLEY CIVILIZATION

The Indus Valley Civilization was a Bronze Age civilization located in the Indian Subcontinent. It is of the highest significance to us. Together with ancient Egypt and Mesopotamia, it was one of three early civilizations of the Near East and South Asia, and of the three most widespread. Its sites spanning an area stretching from today's North - East Afghanistan, through much of Pakistan, and into western and North-Western India. It flourished in the basins of the Indus River, which flows through the length of Pakistan, and along a system of perennial, mostly monsoon-fed, rivers that once coursed in the vicinity of the seasonal Ghaggar-Hakra River in North - West India and Eastern Pakistan.

## ● DISCOVERY AND ORIGIN OF THE INDUS VALLEY CIVILIZATION

It was a hot sunny afternoon in the year 1920. The British were ruling India at that time. Workers were all tired and sweaty as they were digging the ground for construction of a new railway station at a small town called Harappa, Punjab. Suddenly, something very surprising happened. They stumbled upon a large pile of bricks buried under the ground. It was as if they have discovered a treasure. "Where did these bricks come from?" they wondered, "Who made all these bricks?" and the weirdest thing was the bricks were really, really old. The news of this mystery spread far and wide and archaeologists from all over the world set out to Harappa to unfold its mystery. In the years to follow, two archaeologists, Dayaram Sahni and R.D. Banerjee led the excavations at Harappa and MohenjoDaro respectively. After excavations, a lot of exciting things were found. There was a whole city buried there. There were seals and artefacts and amazing buildings all buried in that forgotten town. They were standing over the ruins of a great civilization. They realized it and rushed to inform their bosses. Thus, under the guidance of Sir John Marshall, about 1,500 sites were excavated. These excavations confirmed that an entire civilization existed around the river Indus and its tributaries about 4,500 years ago. Now, since it was a civilization along the valley of the river Indus, they named it the Indus Valley Civilization and since Harappa was the first and the biggest site to be excavated, it is also called the Harappan civilization.

Studying the remains historians have predicted that this civilization started around about 3250 BCE and flourished between 2500 BCE and 1500 BCE. It is known to be the first civilization that ever existed in India. Suddenly, India's history had some proper pedigree, richness, depth and archaeologically verified is ancientness. More than 250 centres of the Harappan culture have been discovered in different areas. Based on these discovery we now know that this civilization was huge and must have extended from the Jammu in the North to Gujrat in the South and from Meerut in the East to the sea coast of North - Western part of India to the West basically covering the entire North - Western region of the Indian subcontinent. Out of all these sites, Harappa and Mohenjo-daro both presently in Pakistan are the most important ones. We have plenty of sites from the Indian part of the subcontinent as well, such as Lothal and Dholavira in Gujrat, Kalibangan in Rajasthan, Alamgirpur in Uttar Pradesh and Mithal in Haryana. The artefacts and remains obtained from all these sites show that our ancestors were quite cool. They had an awesome lifestyle. In fact, in some aspects, I would say they are even better than us.



## ● TOWN PLANNING IN INDUS VALLEY

It was all about how they planned their cities. The cities were divided into two parts. One part smaller and the other part bigger. The smaller part was raised above the ground about 12 meters height and it had massive walls surrounding it. The walls protected it from floods. It seems like a proper fort, Na? The archaeologists also thought so. That's why they named it Citadel. Most of the important people like the kings, the royal families, the priests, they all lived here. The other part was bigger in size and it had all the residential buildings and the public facilities. It was the place for the common people and it was situated below the Citadel. So we call it the lower town and not just that the cities was guarded so well that they have watch towers made of stone to keep a watch on enemies. So that the cities was not only protected from flood but also from any attacks. The Harappan cities had an awesome system of water supply. There was no discrimination, water was made available to everyone equally. It was believed that they were the first civilization to achieve the great art of indoor plumbing. Each house had a separate well and there were community wells too. They kept it all so clean and hygienic. Their sanitation system was the best. No city in the whole world was as clean as our Indus Valley Civilization. From each house waste water flowed down into small drains. These small drains from all the houses were connected to a large underground drain that is built under the streets and from there it was then carried out of the cities. The drains had man holes at regular intervals for cleaning and were always, always covered with bricks and stones.



## ● HOUSE PLANNING IN INDUS VALLEY

So the entire land was divided into blocks, small and big. Houses were constructed in just these blocks so they would have enough space between them. There was a central courtyard around which the rooms, kitchen, water wells and bathroom were arranged. Larger houses also had smaller dwellings connected to them for the guests or servants. The houses would be one to two story and there were stairs to go up and down.

The Entrance Door to all these rooms faced the courtyard and also the Entry Gates to houses were restricted to only side streets. They also had compound walls hence anyone could hardly be to others affairs so that they nosy neighbours were a NO! NO!



## ● STREET PLANNING IN INDUS VALLEY

The Harappans were perhaps were the first in the world to use wheel transport and there were no traffic jams. The secret behind no traffic jams was wide roads and proper planning. The roads in our Indus Valley cities were as wide as our national highways and even the normal streets were wider than a width of a truck and all these roads and streets were interconnected in perfect Right Angles with a slight curve at the corners so that the heavy carts can turn easily and they planned it all out perfectly to avoid traffic. Even if we take all the vehicles of today and put them in the Harappan city then we would have smooth flowing traffic and no jams and it was all about planning and they were obsessive planners.



## ● SPECIAL BUILDINGS IN THE CITAEDEL

### ◆ THE GREAT BATH

It is a well-engineered structure. The bricks at the side walls as well as the floor fit together so finely that the bath was water tight. In addition, there was a thick layer of bitumen on the brick to make it even more water proof and it had two wide stair cases, one from the north and the other from the south for entrance. There were changing rooms also along the eastern edge and there was a well for water supply and a small hole in corner of the bath for draining the dirty water. Near the South-West corner of The Great Bath, there was a Hummam, a facility for Sauna.

### ◆ THE ASSEMBLY HALL

It was a large, tall hall about 25 Square Meter Area supported by 20 huge pillars arranged in 4 rows. People may have used it for general gatherings.

### ◆ THE GREAT granary

It is a huge granary which is as large as a tennis court. They mastered the art of agriculture so much that they produced tools like the “plough” and also cultivated a huge variety of food grains. They grew wheat, barley, pulses, peas, rice, sesame, linseed, mustard. So the granaries were essential for storing food grains for the public and even had circular brick platforms for grinding grains.

These measurements remained consisted throughout the civilization. All the way from Mohenjo-Daro to Harappa 700 km away from each other all these measurements remained exactly the same and this was all possible certainly because the civic authorities in Harappa were very bijered but also the Harappans [the people] obeyed them too.



## ● DAILY LIFE

During that time, only normal mud pots were made everywhere in the world. Harappans were apparently the first ones to make these shiny pots called "Glazed Pottery". Their pots had the perfect finish and rich designs. The Harappans painted animals, humans and patterns onto pots and utensils and also on the walls. The best part is even after so many years, the colours still stayed. The Harappan art of sculpting was very unique. A variety of terracotta sculptures was found during excavations.

Another god is this, a man with horns and three faces sitting all calm in a yogic pose in spite of being surrounded by all the fears' animals such as the elephant, the Tiger, the Rhino and the Buffalo. He's called the "Pashupati Mahadev".

The Harappans were also famous for their jewellery and their crafts. Their potters, painters, sculptures, weavers, jewellers were all so good that they were famous all over the world and thus they Harappan merchants used to trade them all over the world. They would take the glazed pots and other special; materials to the foreign lands and bring several materials, raw materials, metals, precious stones from there. Exchange of goods would happen between different cities of the civilization too. For internal trade, they used bullock carts and brought gold from South India, precious stone from Gujarat, copper from Rajasthan. For external trade, they would use costal routes using boats and ships to travel along the coasts to distant lands. They got gold from Oman, Silver from Persia, tin from Afghanistan and Iran and so on. They pasted seals on every goods. Seals are the older version of the company logos we see on products and advertisements. During trades, goods were packed on bags. A layer of wet clay was applied on the knots and then a seal was pressed on it. After drying, it would leave an impression called as "Sealing" or "Seal". Each trader had a unique seal. The seals were like an assurance of quality. More than 2000 varieties of such seals have been found in various Harappan sites. They were made of different materials and bear different designs of animals, birds, human figures. Many seals had inscriptions written on them but unfortunately we don't know how to read their scripts. When the Mesopotamian civilization was excavated, a seal was found where there was a mention of the Indus Valley in their scripts, which we can read. They called it "Meluha".

We know from the kind of figurines and art in earth that they had some sort of religion that they might have worshiped many gods. Not only the Mother Goddess and Shiva Pashupati, they also worshiped several animals as a symbol of strength, dove as their sacred bird. In fact, a lot of their practices were similar to what the Hindus do today. Like they even worshiped the peepal tree and lit incense sticks during prayers. So, Hinduism is known to have been partially influenced from them, but many of their practices were different too. Like today, the Hindus burn their dead bodies, but the Harappans would bury the dead bodies with utensils, ornaments and mirrors because they believed that people lived another life after death. There were home schools and they learned all their crafts and reading and writing at home itself. Harappan kids had lots and lots of toys all made using terracotta. Many utensils, figures of boys and girls, dogs and other animals, two or four wheeled carts with moving wheels and board games like "Ludo". The Harappan kids had it all.

## ● THE DECLINE OF HARAPPA

Wrong at some point of time, just like with most civilizations. Increasing population made the administration difficult. Garbage piled up on streets, drainage systems broke down and houses were built on the roads. Too much grazing by the plentiful herds destroyed the green cover, increasing demands of wood for fuel led to deforestation because of the river Indus changed and it caused floods in some areas and droughts in others. One more popularly debated reason for the decline of Harappans is that the Aryans invaded India. People vacated the cities and moved towards the Eastern and Southern parts of the subcontinent. In no time, the entire civilization had completely disappeared. This sudden disappearance is more mysterious than the fact they declined. In every other place, the decline of one civilization led to some other civilization taking its place. But here, the Harappans just disappeared without a trace. Beneath the sand and the silt. Indian history had to begin again with a whole new set of people and that is the great mystery of Harappa, which is unsolved to this day. However, in India, the land of reincarnation there had to be rebirth. The civilization may have vanished but the Harappans are still with us. Their impact can be seen even today. The Harappan way of baking bricks, pottery, sculpting. All of them contributed to cultural developments in India.

Name - **Safalya Pal**  
Class 06



# TOPPERS' SPEAK



Just the mere mention of the name "Jyotirmoy Public School" will always flood my heart with some of the best memories of my life. I was a part of JPS since the beginning of my school life and it has been the best experience of my life. I spent the 15 best years of my life in JPS. I'm pretty sure that I wouldn't have had such a great, memorable and happy school life, if I wasn't a part of this school. I'm so grateful to have been blessed with such great peers and teachers and I'm grateful for every person who was and still is a part of JPS.

Not only did I gain my traditional "textbook knowledge" from the best teachers, I so learnt how to become a better human being. Words can't describe how much my school has helped me. I've gained an unfaltering support system from my school. And in all my achievements, no matter how big or small they've been, JPS has played a very significant role. Be it my first time getting the award for best student in class 2 or participating in a science fair or securing the third position in the state

in the CBSE Class 10 exams of 2019, my school and my teachers had a huge role in helping me achieve all of it. I'm so very thankful to them. I know, we had no official board exams in class 12 but our learning didn't stop for even a bit. Be it online or offline, our school has always ensured that we get the best learning experience and that reflected in our class 12 results, too.

What I've learnt in these 18 years of my life is that we should always trust the process and go with the flow. This sounds like a very basic and normal advice but this is what has helped me most in life. All we can do is give our best in preparing ourselves but one never knows what will come next. We worked so hard for offline board exams but the exams were canceled, we were all very disheartened but we still accepted it and are making the best out of the opportunities that we still have. It's also important to realise that we often focus so much in performing our best that we stop caring about ourselves and that's the worst thing you can do to yourself. Work hard to achieve your goals but also remember that the one person who will always have to be there for you is YOU, so allow yourself to be happy, take time for yourself. No matter what happens, things eventually work out if you've the zeal to work hard, experience life to the fullest and accept all hardships and failures. Failing at something and then recognising your mistake is the best step towards success. So work hard, make mistakes, correct them, make even more mistakes and grow. That's what life's about.

**SOHINI DAS**  
CLASS 12



I have been studying at Jyotirmoy Public School since 2008. Over these years it has become my second home where I have got so many supportive teachers who have become a guide and mentor in my life and also many loving friends.

Since I do not have any tuition, teachers in school are the only ones whom I always look forward to and they have always extended their tireless support to me. I am very much thankful to the school for its constant guidance. Besides I am also thankful to my parents as they have continuously supported and encouraged me all the time. Lastly, I hope to do much better in the coming years as well with all their guidance.

**ARATRIKA MAL**  
CLASS 10



# EVENT GALLERY





# ACKNOWLEDGEMENT

**Helen Keller had said**

**“Alone we can do so little; together we can do so much”.**

**The birth of the e-magazine ‘Jyotirmoy’ is the effort of many who tirelessly laboured to shape it to what it is today.**

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**We also take this opportunity to thank all the budding writers and artists whose contribution makes the magazine more enriching for all to read. Hope you had a wonderful experience carving your dreams into reality.**

**A BIG THANK YOU TO ALL!**