



# MANDAKINI BUZZ

**REALISING, HONOURING, SHAPING**



**EDUCATION IS THE KEY TO OPPORTUNITY**

[WWW.GANGAINTERNATIONALSCHOOL.BIZ](http://WWW.GANGAINTERNATIONALSCHOOL.BIZ)

**October, 2023**



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## PRINCIPAL'S DESK

“Diversity is not about how we differ; it’s about celebrating each other’s uniqueness.”

As we approach the festive season, I want to take a moment to extend my warmest greetings and best wishes to our school community. This is a time of celebration, reflection, and gratitude. The spirit of togetherness and the joy that festivals bring can be felt not only in our homes but also within our school. It's a time when we come together to celebrate our diverse traditions and cultures, fostering unity and understanding. I encourage everyone to embrace the festive spirit, share the happiness with your loved ones, and take some time to relax and rejuvenate. It's also an opportunity to express our appreciation for the blessings we have and to extend a helping hand to those in need. While enjoying this festive season, let's remember the importance of safety and responsibility. Please take all necessary precautions, particularly in these times, to ensure the health and well-being of your families and our school community. As we prepare to return to our educational journey, let's come back with renewed energy and a commitment to learning and growing together. May this festive season bring positivity and inspiration to each of us.

Ms. Prerana Chauhan

## YOUNG MINDS



Gitanjali Rao is a young author, scientist, inventor, and STEM promoter of Indian American origin. Back in 2017, she rose to fame after winning the Discovery Education 3M Young Scientist Challenge. She has since won many accolades in her field for her passion and knowledge in science and

technology.

She has used her innovation skills to mitigate social issues such as addiction to opioids, the rise of cyberbullying, and limited access to potable drinking water. Her enthusiasm and consistency put her on the global map in 2020 when she was named the very first Kid of the Year by TIME Magazine and featured on the magazine’s cover.



# DUSSEHRA CELEBRATION



Dussehra is a popular Hindu festival that celebrates the victory of good over evil. Ganga International School, Sawda organised a Dussehra celebration event on 21st October 2023.

The day brought more significance as our tiniest tots of kindergarten presented the

mesmerizing Ramleela in the form of an act. The parents were also invited to increase the charm of the event. It was an enchanting view, when the tiny Rama, Sita and all the characters of Ramayana took us on a beautiful journey of lord Rama and his victory over the evil. The program was inaugurated by lighting the lamp with the hands of respected principal Mrs. Prerana Chauhan, who made the event more graceful with her presence. The event began with the blessings of respected principal ma'am followed by an act. At the end there were the chanting of "Jai Shree Ram" all around the school premises. The parents shared their thoughts and that brought a happy ending to the glorious event. Being a diverse country, through such celebrations, students not only learn the significance behind the festival, but they also learn to embrace India's traditions and culture. Celebrations bring the school community together building a close bond between the children. It was a wonderful day filled with joy, learnings and blessings.



# STUDENTS' AWARDS



Saksham (VII)- Gold medal  
Dheeraj (VII)- Silver medal  
**North District Taekwondo Championship**



Bhumi (X)- Gold medal  
**North District Taekwondo Championship**  
Bhumi (X)- Silver medal  
**Zonal Taekwondo Championship 2023**

The young and brilliant kids of Ganga International School, Sawda showcased their talent and grabbed the medals from various championships such as- CBSE CENTRAL ZONE ATHLETICS MEET, Annual Zonal Athletics meet 2023-24, and North District Taekwondo Championship. It was an amazing presentation by our students at all these platforms, all the winners were praised and appreciated by the Principal Mrs. Prerana Chauhan in the school assembly. All the students were motivated to show their own talents in various fields and shine as bright as possible!



Sahil (IX)- Gold medal  
**North District Taekwondo Championship 2023**



Yash (XII)- Gold medal, discuss throw event, silver medal in shot put event  
**CBSE CENTRAL ZONE ATHLETICS MEET**



Pragun (IX)- Gold medal, 400m track event, silver medal in 200m track event  
**Annual zonal athletics meet 2023-24**

# STORY NARRATION



*“Through the art of storytelling, we can preserve our heritage, educate future generations, and inspire change”*

Ganga International School, Sawda organised a story narration competition for the primary classes. The young vibrant storytellers came forth with wonderful tales. While some stories provided food for thought, some reinforced moral values and some were humorous. The act of storytelling appeals to different learning preferences and personalities ensuring that from the shyest to the most active of students, everyone has a chance to participate in a way that they can enjoy. The stories were adjudged on the basis of expression, confidence, diction and presentation skills of the children



# CYBER-CRIME AWARENESS WORKSHOP



***“Through the art of storytelling, we can preserve our heritage, educate future generations, and inspire change”***

Ganga International School, Sawda organised a session regarding awareness about Cyber Security. The students got a chance to visit Kanjhawala Police station and interact with the Cyber Security expert. The session was organized considering the urgent need for the Cyber Crime awareness. In the jet age of 21<sup>st</sup> century when media and telecommunication has taken a giant leap and any information across the globe is at finger tips by click of a button. This is high time when we keep a tight leash over the unlawful. Thus, this workshop was one of the most important requirements for our young generation. Our students were made aware about various types of crimes, how to report and the most important how to avoid them. It was definitely a great learning experience for them!



# INTER-GANGA ATHLETIC MEET



An atmosphere of enthusiasm and cheerfulness filled Ganga International School, Sawda on October 31, 2023 when the coordinators, teachers and the students of different schools gathered for inter-school competition titled Inter-Ganga Athletic meet wherein many students from all the branches of Ganga International Schools across the metro city showcased their skills in their respective events. With an aim to facilitate the empowered minds, the school hosted that competition to hone the talents of the young scholars. The inter-school event, which comprised many competitions, was a fusion of talent, sportsmanship, courage and strength. It was an honour to have our director sir, Mr. Ashok Kaul, as our chief guest. This event provided a platform to the young athletes of our nation, their vivacity and brilliance reflected fully in their performances. The event ended with prize distribution to all the winners and the participants, our honourable Director sir, appreciated all the participants and spoke about an unlimited potential in every individual that can be honed at every opportunity and at every stage.



# ज्ञान ज्याती

कविता - सपने

बैठ जाओ सपनों की नाव में,  
मौके की ना तलाश करो,  
सपने बुनना सीख लो।  
खुद ही थाम लो हाथों में पतवार,  
माझी का ना इंतजार करो,  
सपने बुनना सीख लो।  
पलट सकती है नाव की तकदीर,  
गोते खाना सीख लो,  
सपने बुनना सीख लो।  
अब नदी के साथ बहना सीख लो,  
डूबना नहीं, तैरना सीख लो,  
सपने बुनना सीख लो।  
भंवर में फंसी सपनों की नाव,  
अब पतवार चलाना सीख लो,  
सपने बुनना सीख लो।  
कुछ पल भंवर से लड़ना सीख लो,  
समंदर में विजय की पताका लहराना सीख लो,  
सपने बुनना सीख लो।

- शानवी

कक्षा - आठवीं

कहानी - हमेशा सच बोलो

एक रात 4 स्कूल के लड़के पार्टी कर रहे थे। अगली सुबह उनकी परीक्षा थी। फिर भी वो लोग मस्ती कर रहे थे। पार्टी करते हुए जब सुबह हो गई तो परीक्षा नहीं देने के लिए वो लोग प्लान बनाने लगे।

परीक्षा शुरू होने के बाद वो लोग प्रिंसिपल के ऑफिस गए, वहां सर से कहा हमें माफ़ कर दीजिए। हमारी परीक्षा आप कुछ दिन बाद ले लो। क्यों की कल रात हम शादी में गए थे वहां से लौटते समय हमरी कार का टायर पंचर हो गया। पूरी रात कार को धक्का दे के घर तक लाये है। इसलिए हम कुछ तैयारी भी नहीं कर पाए।

प्रिंसिपल सर ने उनकी दुःख भरी कहानी सुनी और उन लोगो को 3 दिन का समय दे दिया। उन लड़को ने 3 दिन तक कड़ी मेहनत से तैयारी की और 3 दिन बाद परीक्षा देने गए। तो सबको अलग कमरे में बैठा दिया गया। वे इस बात से भी खुश थे की कोई बात नहीं हमने तो तैयारी कर ली है अब आराम से पास हो जायेंगे।

जैसे ही उनके सामने परीक्षा पत्र आया तो उसमे बस एक ही सवाल पूछा गया था और वह भी पूरे 100 नंबर का। आपकी गाड़ी का कौन सा टायर पंचर हुआ था।

सीख - : परिस्थिती चाहे जैसी भी हो हमें झूठ नहीं बोलना चाहिए। क्यों की झूठ बोलने वाला और भी ज्यादा दलदल में फस जाता है।

- तनीषा कक्षा - दसवीं



# SCIENTIFIC REVELATIONS

## FIVE NEWLY DISCOVERED MICROORGANISM

*It seems that the hype about viral pandemics is slowly decreasing while microbes and their functions are still the focus of many. Throughout the year 2022, researchers found many new bacterial species and genera, many of which might have benefits for us or help us tackle some of our environmental problems.*

To improve animal feeding with more sustainable agricultural means, a study looked into the microbiota of sainfoin, a leguminous plant used in animal feeding due to its health benefits. They found two bacteria from the *Rhizobiaceae* family that induce nodules on the roots of legumes to fix atmospheric nitrogen.

The bacterium from the novel species ***Mesorhizobium onobrychidis*** actively promotes nodule formation on plant roots to build nitrogen-fixing symbioses. This nutrient exchange improves plant performance and supports plant development.

In another study, researchers shed light on the ecology of the mud crab ***Eurypanopeus depressus*** that lives along the North Carolina coastline in the USA. This crab is often infected with the parasite *Loxothylacus panopaei* which uses the crab as a vehicle for its own reproduction turning it into a “zombie-crab”.

Researchers now found that crabs infected with this parasite are often also infected with the **pathogen *Mellornella promiscua***. This newly identified intracellular bacterium forms cellular vacuoles or plaques in the hepatopancreas of the host leading to its degradation.

In a contaminated oil field in Tianjin, China, researchers now isolated the petroleum degrader ***Falsochrobactrum tianjinense*** that has the highest sequence similarity to *Falsochrobactrum shanghaiense*. The petroleum degradation rate of *Falsochrobactrum tianjinense* reached a level of 67.95% at 30 °C and at a pH of 7.0. Since this rate is more energy efficient than that of other degraders and the strain shows high adaptability to the environment, it has great potential for bioremediation applications in oil soils.



# READER'S COLUMN

## ALL IS LIFE

Whether by accident or design,  
We are here  
Let's make the most of my friend.  
Make happiness our pursuit,  
Spread a little sunshine here and  
there.  
Enjoy the flowers, breeze, river  
sea and sky,  
River, sea and sky.  
Mountains and tall waving trees.  
Greet the children passing by.  
Talk to the old folk. Be kind my  
friend.  
Hold on, in the times of Pain and  
strife  
Until the death comes, all is life!  
-Ruskin Bond

## Time

Time is one of the most valuable things in our life. We can not compare anything else with time. Once we have spent time doing something, it is never going to come back. Each and everything in this world is dependent on time.

In real life, we see most people valuing money more than time. But, it is a fact that time is more valuable than money. Time is the only one that gives us money, prosperity, happiness, and whatnot. But no one can return the time we have already spent.

Time is a very essential resource for us. Everyone gets the same of time in a day, and we all should make the most out of that time. We should also remember that it is effortless to waste time, but we have to think about the right things. So, we must utilize time properly and respect it.

-Dixit, Class-X