



MANDAKINI BUZZ

REALISING, HONOURING, SHAPING



EDUCATION IS THE KEY TO OPPORTUNITY

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December, 2023



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PRINCIPAL'S DESK

“Here is to the year full of growth, learning and full cheer!! .”

As the year comes to an end, we are filled with a sense of accomplishment, satisfaction and nostalgia, for the year that has been. But the most important thing is that we all grew together as a family. Each one of you should take great pride in the impact you have made on this campus through your academic work, your interactions with your friends and teachers, and the meaningful change you create for the school and our society. I am grateful for all that you bring to our school. On the behalf of Ganga International School, Sawda, I want to offer you the best wishes for the holidays and happy, healthy 2024. Let's make this a year of growth, learning and achievements for all of us.

Ms. Prerana Chauhan

YOUNG MINDS



Greta Thunberg You've probably heard of this environmental activist after her passionate speech at the UN Climate Summit, but this 16-year-old student has been advocating for sustainability for years now. Greta began by protesting Swedish parliament in an effort to get them to do more to prevent climate change. She went on to organize Fridays for Future, a school climate strike movement. As of 2019, more than one million students around the world participated in a multi-city coordinated protest for stronger action against climate change.

MATHEMATICS WEEK



Ganga International School, Sawda organised a Mathematics week, various activities and competitions were held as a part of Maths week. Students presented skit, songs, they also presented the life and work of famous Indian Mathematicians highlighting their invaluable contribution to the fields of Maths , Science and Astronomy. Taking the celebration as an opportunity, budding mathematicians from the school showcased their knowledge of mathematical concepts, their thinking, analytical and application skills by presenting the conceptual knowledge in various forms. Such celebrations of a particular subject helps our students understand the importance of that subject in the daily lives.





VEER BAAL DIVAS



Veer Bal Diwas is commemorated to honor martyrdom of Baba Fateh Singh and Zorawar Singh, the Sahibzada of 10th guru Govind Singh ji on 26th December every year. In January last year PM Narendra Modi announced that December 26 would be observed as Veer Bal Diwas. As our PM Mr. Narendra Modi ji addressed the programme marking Veer Bal Diwas, the students of Ganga International School, Sawda were informed and enlightened with the knowledge about the exemplary courage of sahibzadas. The live telecast was shown to the students where they all witnessed a recital and three martial arts displays performed by children. This was a great experience as the students got inspiration and were filled with patriotism. This day was to celebrate the strength and dedication of young Veers of our country and to inspire our young generation. A special assembly was conducted to pay tribute to the Sahibzadas and to honor their contribution to our country. The students wrote essays expressing their thoughts and understanding of this day.



ENVIRONMENTAL POLLUTION AWARENESS



Environmental awareness is having an understanding of the environment, the impacts of human behaviors on it, and the importance of its protection. Ganga International school Sawda has always been encouraging it's students to understand environment and take actions to protect it. Various events have been organised in the month of December to promote environmental awareness like, essay writing and poster making. Students suggested various ways of making sure that our environment stays green and clean



WINTER CARNIVAL 2023



Ganga International School Sawda orchestrated a vibrant Winter Carnival on December 24, 2023, attracting a massive crowd, predominantly comprising enthusiastic youngsters. The event was a delightful blend of entertainment and camaraderie, featuring a plethora of engaging games such as ping pong, marble and bottle games, and basket the ball, catering to the diverse interests of the students. The focal point of the carnival was the array of thrilling rides, a selfie point adorned with regional dresses for a touch of cultural flair, and lively DJ music setting the festive atmosphere. Food courts were strategically placed to appease hunger pangs, ensuring that the enjoyment continued seamlessly. A highlight of the carnival was the eagerly anticipated lucky draw, adding an element of excitement and anticipation for participants. Overall, the Winter Carnival proved to be a resounding success, providing a platform for students to unwind, bond, and revel in the festive spirit.





MATHEMIND INTER- GANGA QUIZ



Ganga International School Sawda hosted the much-anticipated "MATHEMIND," an Inter-Ganga Maths Quiz Competition, graced by our esteemed Director as the Chief Guest. The event aimed to foster mathematical excellence and teamwork among participating branches. The Guest of Honour, Mr. Sahil, an alumnus of GIS Sawda currently pursuing M.Sc in Physics at IIT Delhi, added a touch of inspiration.

The competition showcased the intellectual prowess of the teams, including the Math Whizzes from GIS Sawda, Geometric Geniuses from GIS Heran Kudna, Algebra Avengers from GIS Bahadurgarh, The Pi Protectors from GIS Kablana, and Probability Pioneers from GIS Rohini.

The quiz comprised five challenging rounds, each testing different facets of mathematical acumen: Quantitative Aptitude, Reasoning, Personality Identification, Mind Boggling, and Rapid Fire. The competitive spirit was palpable as teams showcased their skills.

In the end, the winners were announced, with GIS Hirankudna securing the top position, followed by GIS Sawda in second place, GIS Rohini in third, GIS Bahadurgarh in fourth, and GIS Kablana in fifth. The event not only celebrated academic excellence but also highlighted the collaborative and competitive spirit within the Ganga International School community.



INDIAN ECONOMY



India has emerged as the fastest growing major economy in the world and is expected to be one of top three economic powers in the world over the next 10-15 years. The economy of India has transitioned from a mixed planned economy to a mixed middle income developing social market economy with notable public sector in strategic sectors. It is the world's fifth-largest economy by nominal GDP and the third largest in purchasing power parity (PPP). On a Per Capita income basis, India ranked 139th by nominal GDP and 127th by GDP (PPP).

Nearly 70 % of India's GDP is driven by domestic consumption, and the country remains the world's sixth-largest consumer market. In 2022, India was the world's 6th largest importer and the 9th largest exporter.

In 2021-22 foreign direct investment in India was \$ 82 billion. The leading sectors for FDI inflows are the service sector, the computer industry and the telecom industry. The service sector makes up more than 50-60 % of GDP and remains the fastest growing sector, while the industry and agriculture sector employs a majority of the workforce. India is the world's sixth largest manufacturer, representing 2.6% of global manufacturing output. India's real GDP growth rate in 2023-24 is estimated at 7.2 %, cementing its position as the world's fastest growing economy.



ज्ञान ज्याती

कविता - आ गया क्रिसमस गीत की घंटी बज रही है,

साल खत्म हो रहा है,
पर उससे पहले 25 दिसंबर,
क्रिसमस आ रहा है,
क्रिसमस ट्री लायेंगे उसे सजायेंगे,
ऊँची डाली पर तारा लगायेंगे,
अच्छे बच्चे बनेंगे सांता याद करेंगे,
तौफें लायेंगे हाथ मिलायेंगे,
क्रिसमस आ रहा है,
समस प्यार का उत्सव है,
चादू कर देता है मन को छू लेता है,
प्यार से अच्छे बच्चे बनेंगे सांता याद करेंगे,
तौफें लायेंगे हाथ मिलायेंगे,
क्रिसमस आ रहा है,
समस प्यार का उत्सव है,
चादू कर देता है मन को छू लेता है,
प्यार से मन भर देता है।

अंजलि

कक्षा सातवीं

कहानी - घमंडी पर्वत

कहानी - बैल की समझदारी

एक बार एक किसान का बैल गहरे गड्ढे में गिर गया। वह जोर-जोर से चिल्लाने लगा। किसान उसे निकालने के उपाय सोचने लगा। अंत में उसने फैसला किया कि बैल बहुत बूढ़ा है, इसलिए उसे गड्ढे में ही दफना दिया जाना चाहिए। किसान ने अपने सभी पड़ोसियों को मदद के लिए बुलाया। दोनों ने मिलकर गड्ढे में मिट्टी डालना शुरू कर दिया। जैसे ही बैल ने सब कुछ समझा, वह जोर-जोर से चिल्लाने लगा और फिर अचानक चुप हो गया।

सब चुपचाप गड्ढे में मिट्टी डालने जा रहे थे। फिर किसान ने नीचे देखा तो हैरान रह गया। बूढ़ा अपनी पीठ पर गिरी मिट्टी को हिलाकर नीचे गिरा देता था और उस मिट्टी पर चढ़ जाता था। शीघ्र ही वह गड्ढे के किनारे पर पहुंच गया और फिर अपने साहस और सूझबूझ के बल पर बाहर निकल सका।

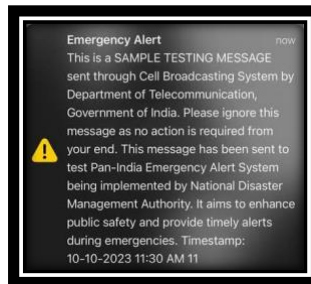
हर्षुल

कक्षा चौथी

SCIENTIFIC REVELATIONS



EMERGENCY ALERT SYSTEMS



What are the Emergency Alert Systems in India?

Google's Android Earthquake Early Warning System:

This is a feature that uses the sensors in Android smartphones to detect seismic activity and alert users about potential earthquakes.

It also collects and shares the data with seismological agencies to improve earthquake detection and analysis.

Google launched this feature in India in September 2023, in collaboration with the National Disaster Management Authority (NDMA) and the National Centre for Seismology (NCS), Ministry of Earth Sciences.

Google's alerts are triggered based on the Modified Mercalli Intensity (MMI) Scale, an alternative to the Richter scale.

The MMI scale measures the effects of an earthquake at a specific location. It describes the observed effects of an earthquake, including what people experience and what happens to buildings and objects.

The MMI scale is different from the Richter scale and has a range of 1 to 12.

Cell Broadcast Alert System (CBAS):

The CBAS represents cutting-edge technology that empowers us to disseminate critical and time-sensitive disaster management messages to all mobile devices within specified geographical areas, regardless of whether the recipients are residents or visitors.

Common applications of Cell Broadcast include delivering emergency alerts such as severe weather warnings (e.g., Tsunamis, Flash Floods, Earthquakes), public safety messages, evacuation notices, and other critical information.

It is developed in collaboration with the Department of Telecommunications (DOT) and the NDMA and other agencies to generate and disseminate the alerts.

Ministry of Earth Science's National Centre for Seismology (NCS):

This is the agency responsible for monitoring and reporting the seismic activity in India and its neighbourhood.

It operates a network of seismological observatories across the country, and provides real-time data and information on earthquakes and tsunamis.

It also maintains a website and a mobile app, called BhooKamp, to provide earthquake alerts and updates to the public. ★ ★ ★

READER'S COLUMN

IMPORTANCE OF ENGLISH IN INDIA

Sarthak, class ix

As the world today has become a global village, and people are interacting with each other across national/regional boundaries, the one language which connects the world is English. Even during the freedom struggle, when India was divided into various regions, the one language which helped bind the people of India was English. Gandhi regarded Hindi as the language of India and also accepted that English is an open window to peep up in the Western thoughts and sciences. Gandhi's word appears true today. As English is a medium of education in schools and colleges across India, it has given people an opportunity to look at the Western world. Many scientific developments happened due to knowledge of English in India. India has the largest English speaking population in the world. The youth of today, as part of the globalised world, are making the best use of it in their career choices. English indeed is a language which borrows from all languages without losing its own identity, a principle that can be aptly applied to life as well.

NATURE

Nature is so good,
And doesn't make us rude.
It gives us everything,
Without expecting anything
It gives us food to eat,
And gives us shade to reduce heat.
It is so green
And helps us stay clean
With trillions of trees and
Stunning cliffs.
So it's our duty to protect
nature and
Stop the melting glaciers.
Deena, Class-VI



HARD WORK AND PUNCTUALITY IN A STUDENT'S LIFE

Hard work and punctuality are indispensable in a student's life to reach the top. Students should develop this habit from the beginning of their life. If they become punctual and hard-working, they can achieve success and happiness in life. So, punctuality and hard work are the requisites in a student's life to meet his desired target in life.

Let us take a few examples. If a student comes late to his class, he misses the lesson, and the teacher becomes annoyed with him. Unpunctuality is considered a symbol of rudeness or uncivilized manner. Napoleon lost the battle of Waterloo because his marshal was too late to come to his chief's side. Nelson once said that he owed his success in life due to punctuality.

Hence, hard work and punctuality lead a student to the path of success. So, every student is expected to work hard and do their assigned homework punctually. Teachers will love him, and success will come to him. Indeed, he will be blessed with punctuality.

Sagar Class IX

STORYTIME

Author - Ruskin Bond



Ruskin Bond (b.1934) is an Indian author of British descent. He writes in multiple genres and is best known for his short stories for children. He has written more than 500 short stories, including essays and novellas, and more than 40 books for children.

Bond's writings are characterized by their simplicity and lucidity, and most of his stories for children are written in the first person. They mostly capture the everyday lives of common people and the relationship between nature and humankind.

Those Three Bears

Most Himalayan villages lie in the valleys, where there are small streams, some farmland, and protection from the biting winds that come through the mountain passes in winter. The houses are usually made of large stones and have sloping slate roofs so the heavy monsoon rain can run off easily. During the sunny autumn months, the roofs are often covered with pumpkins, left there to ripen in the sun.

One October night, when I was sleeping at a friend's house in a village in these hills, I was awakened by a rumbling and thumping on the roof. I woke my friend and asked him what was happening.

'It's only a bear,' he said.

'Is it trying to get in?'

'No. It's after the pumpkins.'

A little later, when we looked out of a window, we saw a black bear making off through a field, leaving a trail of half-eaten pumpkins.

In winter, when snow covers the higher ranges, the Himalayan bears come to lower altitudes in search of food. Sometimes they forage in fields and because they are shortsighted and suspicious of anything that moves, they can be dangerous. But, like most wild animals, they avoid humans as much as possible.

Village folk always advise me to run downhill if chased by a bear. They say bears find it easier to run uphill than down. I am yet to be chased by a bear, and will happily skip the experience. But I have seen a few of these mountain bears in India, and they are always fascinating to watch.

Himalayan bears enjoy pumpkins, corn, plums, and apricots. Once, while I was sitting in an oak tree hoping to see a pair of pine martens that lived nearby, I heard the whining grumble of a bear, and presently a small bear ambled into the clearing beneath the tree.

He was little more than a cub, and I was not alarmed. I sat very still, waiting to see what he would do.

He put his nose to the ground and sniffed his way along until he came to a large anthill. Here he began huffing and puffing, blowing rapidly in and out of his nostrils, so that the dust from the anthill flew in all directions. But the anthill had been deserted, and so, grumbling, the bear made his way up a nearby plum tree. Soon he was perched high in the branches. It was then that he saw me.

The bear at once scrambled several feet higher up the tree and lay flat on a branch. Since it wasn't a very big branch, there was a lot of bear showing on either side. He tucked his head behind another branch. He could no longer see me, so he apparently



was satisfied that he was hidden, although he couldn't help grumbling.

Like all bears, this one was full of curiosity. So, slowly, inch by inch, his black snout appeared over the edge of the branch. As soon as he saw me, he drew his head back and hid his face.

He did this several times. I waited until he wasn't looking, then moved some way down my tree. When the bear looked over and saw that I was missing, he was so pleased that he stretched right across to another branch and helped himself to a plum. I couldn't help bursting into laughter.

The startled young bear tumbled out of the tree, dropped through the branches some fifteen feet, and landed with a thump in a pile of dried leaves. He was unhurt, but fled from the clearing, grunting and squealing all the way.

Another time, my friend Prem told me, a bear had been active in his cornfield. We took up a post at night in an old cattle shed, which gave a clear view of the moonlit field.

A little after midnight, a female bear came down to the edge of the field. She seemed to sense that we had been about. She was hungry, however. So, after standing on her hind legs and peering around to make sure the field was empty, she came cautiously out of the forest.

Her attention was soon distracted by some Tibetan prayer flags, which had been strung between two trees. She gave a grunt of disapproval and began to back away, but the fluttering of the flags was a puzzle that she wanted to solve. So she stopped and watched them.

Soon the bear advanced to within a few feet of the flags, examining them from various angles. Then, seeing that they posed no danger, she went right up to the flags and pulled them down. Grunting with apparent satisfaction, she moved into the field of corn.

Prem had decided that he didn't want to lose any more of his crop, so he started shouting. His children woke up and soon came running from the house, banging on empty kerosene tins.

Deprived of her dinner, the bear made off in a bad temper. She ran downhill at a good speed, and I was glad that I was not in her way.

Uphill or downhill, an angry bear is best given a very wide path.



GANGA INTERNATIONAL SCHOOL SAWDA NEW DELHI



ADMISSION OPEN FOR
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