



MANDAKINI BUZZ

REALISING, HONOURING, SHAPING



EDUCATION IS THE KEY TO OPPORTUNITY

WWW.GANGAINTERNATIONALSCHOOL.BIZ

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PRINCIPAL'S DESK

“Your level of success is determined by your level of discipline and perseverance.”

A student who is taught discipline will learn the power of self-control. Freedom, to be truly effective, needs the guidance of discipline. To be successful, we need self-discipline which teaches us to sacrifice individual interests in favour of group interest our children represent our hopes and dreams. Education is not just a process of giving knowledge for a future job but a lifelong process that creates an understanding of moral and ethical values to guide one's life and make our students the future hope of the country. This is a huge responsibility and we thrive to work on this responsibility. We water each and every child so they all grow to their highest potential.

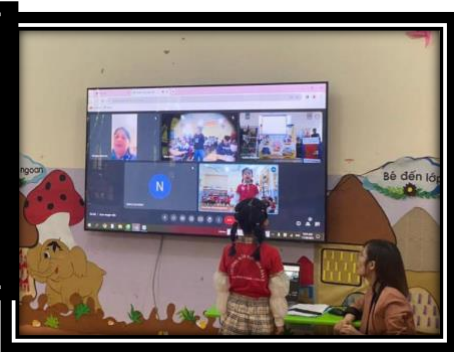
Ms. Prerana Chauhan

YOUNG MINDS



Heman Bekele, a 14-year-old high school freshman at **W.T. Woodson High School** in Annandale, Virginia, has garnered national recognition as **America's Top Young Scientist. Bekele** achieved this prestigious title for his remarkable invention - a bar of soap designed to treat skin cancer. Competing against nine other finalists in the 2023 3M Young Scientists Challenge, Bekele emerged victorious, securing the grand prize of \$25,000. The ingenious soap, as devised by Bekele, incorporates three key ingredients into medicinal soap. These ingredients have the unique ability to reactivate dendritic cells, which play a crucial role in generating an immune response to combat skin cancer.

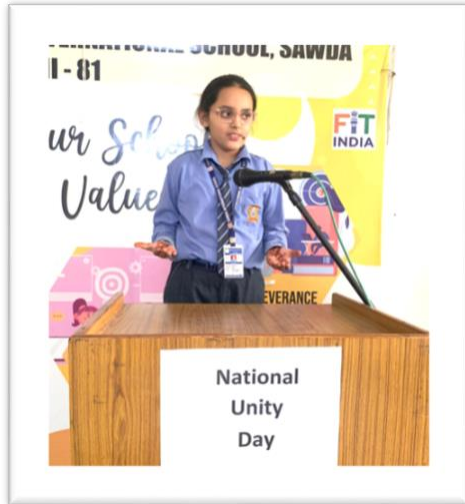
EXCHANGE PROGRAM WITH VIETNAM



Ganga International School, Sawda facilitated an exchange program with Vietnam 🌟 on 30th October, 2023 for UKG and 1st Graders. It was a golden opportunity for the students as this event provided a platform where they showcased their talents with people sitting on some other part of the globe 🌍 . It is going to help our students develop a global 🌍 perspective and cultural awareness. It was a unique experience for our students, it was privilege to have a golden opportunity 🌟 like this. 🌸🌸 The tiny tots enacted as various social helpers and explained their importance in our society. It was mesmerizing to watch them perform and present their talent. This event marked the beginning of a whole new journey of amazing and unique experiences for the students. Ganga International School, Sawda is determined to provide such thrilling experiences to it's students while making sure that each and every child thrives and reach their highest potential here.



INTER HOUSE DEBATE COMPETITION



“It is better to debate a question without settling it than to settle a question without debating it.” – Joseph Joubert

Debate is one of the academic activities that give students creative room to express what they feel. The length and breadth of knowledge that they gain through this is simply unparalleled. The inter house debate competition was organized by Ganga International School, Sawda, realizing the importance of such activities. The teams were well prepared and undoubtedly convinced the audience of their beliefs and views. The participants, armed with statistics and data made their arguments more emphatic with their righteous facial expressions and voice modulation. They exhibited great oratory skill. The competition was an enthralling experience for the speakers as well as the audience.



DRAWING COMPETITION

Ganga International School, Sawda organised a Drawing Competition for primary classes in the month of November. All the students from each house of classes I to V were invited to participate in this competition. The students participated with great enthusiasm and the competition was a great success. It was amazing to see the creativity that students of all the classes made. The main objective of this competition was to enhance their hidden talent and potential and guide them to focus on their creativity.



SUBJECT ENRICHMENT ACTIVITIES



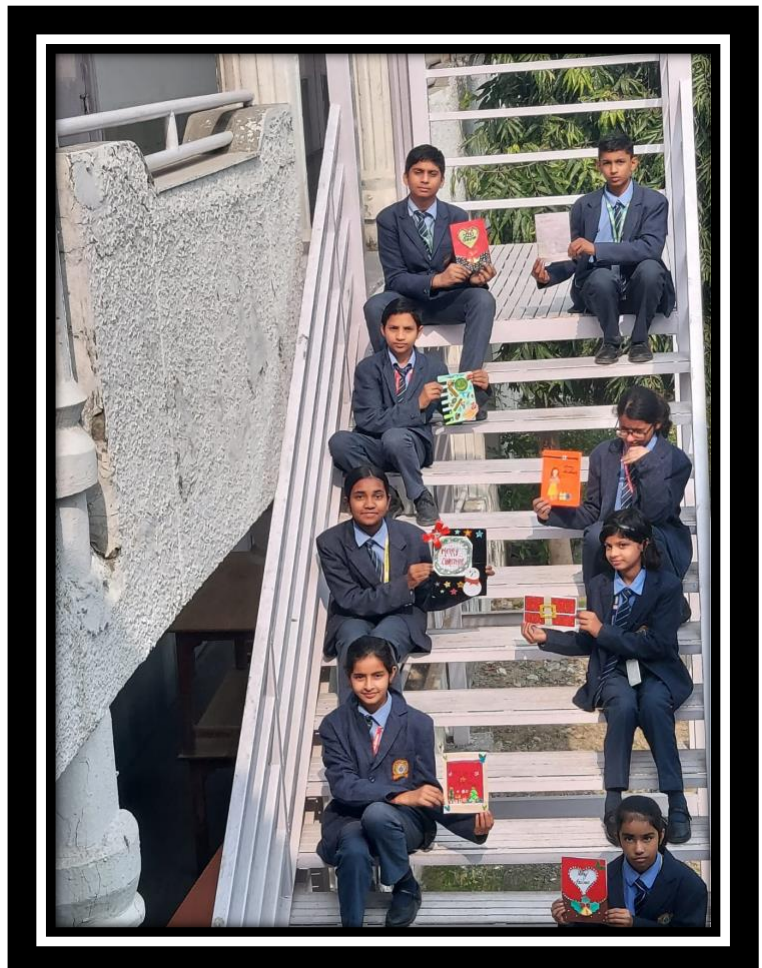
The evaluation of students is a wholesome process at Ganga International School, Sawda. Subject Enrichment is one such process. The students showcase their understanding of the curriculum using various activities and they are assessed by their teachers. It is a crucial way of identifying the strengths of students as the assessment becomes 360° and is different from the traditional pen and paper examination.



CARD MAKING COMPETITION



Ganga International School, Sawda organised a Christmas 🎁 🗒️ card making Competition in the month of November. A blend of exceptional creativity and imagination was displayed by the students of middle wing. The students participated with great enthusiasm and the competition was a great success. It was a wonderful sight to witness creations of children who with their nimble fingers weave magic on papers. The main objective of this competition was to enhance their hidden talent and potential and guide them to focus on their creativity.



INDIAN ECONOMY



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ECONOMY

**Indian economy
expected to sustain
strong growth amid
global gloom**

India's is seen as the bright spot globally as some Western countries are flirting with the possibility of recession, while China, the world's second-largest economy, has slowed down.

**We are trying to
gradually raise the
productivity of Indian
cotton farmers: Textile
secretary**



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Cotton prices exceeded Rs 12,000 per quintal last year; the MSP on long-staple cotton is Rs 7,020 per quintal.



ज्ञान ज्याती

कविता - आयी है दीवाली
आयी है दीवाली देखो,
आयी है दीवाली।
ले के जीवन में खुशहाली,
आयी है दीवाली।
घर-आँगन में है रौनक,
और चारों ओर रंगोली से सजावट।
दियो से सज गयी है चौखटे,
रंगीन हो गयी हैं झालरों से दीवारों।
मन में हर्ष और उल्लास फैलाने,
आयी है दीवाली।
खुशियों ने दी है आहटें,
रौशनी से रौशन है सब।
चारों ओर फैली है जगमगाहट
पटाखों की गूँज से।
आसमाँ भी हो गया है रौशन
आयी है दीवाली देखो,
आयी है दीवाली।

अंकिता

कक्षा - चौथी

कहानी - घमंडी पर्वत

एक जंगल में एक विशाल पर्वत था। एक दिन उस विशाल पर्वत ने जानवरों को देखा, जंगल को देखा और फिर खुद को देखा। उसे अपने आकार पर बहुत घमंड हुआ उसने कहा मैं सबसे शक्तिशाली हूँ, मैं ही तुम्हारा ईश्वर हूँ। पर्वत की यह बातें सुनकर सभी जानवरों को बहुत गुस्सा आया। घोड़े ने आगे बढ़कर कहा - ओ घमंडी पर्वत अपने आप पर इतना घमंड मत कर। एक क्षण में तुम्हें दौड़ कर पार कर सकता हूँ, पर घोड़ा लड़खड़ा कर गिर गया।

पर्वत दिल खोलकर हंसा, इसी तरह हाथी, ऊँट, जिराफ सभी ने कोशिश की पर वे पहाड़ का कुछ बिगाड़ नहीं पाए अब सभी जानवरों को अपना दोस्त चूहा याद आया। चूहा पर्वत के पास आया और उसने पर्वत को चुनौती दी। पर्वत ने चूहे का खूब मजाक उड़ाया। चूहे ने मुस्कराते हुवे पर्वत में छेद बनाना प्रारंभ किया। अन्य चूहों ने भी पर्वत में छेद करना चालू कर दिया। पर्वत घबरा गया उसने सभी जानवरों से माफी मांगी। इस तरह पर्वत के घमंड को एक छोटे से चूहे ने तोड़ दिया।

शिक्षा - कभी अपने ऊपर घमंड मत करो।

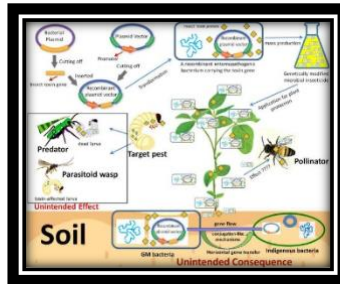
खुश

कक्षा - छठी

SCIENTIFIC REVELATIONS



Genetically Engineered (GE) Insects



What are Genetically Engineered (GE) Insects?

About:

GE insects are organisms whose genetic material has been altered through genetic engineering techniques to introduce specific desired traits or characteristics.

This involves manipulating the insect's DNA in a way that is not naturally occurring, often with the aim of conferring certain benefits or addressing specific issues.

Application:

The development and release of GE insects offers applications in various fields such as, Vector management in human and livestock health

Management of major crop insect pests

Maintenance and improvement of human health and the environment through a reduction in the use of chemicals

Production of proteins for healthcare purposes

Genetic improvement of beneficial insects like predators, parasitoids, pollinators (e.g. honey bee) or productive insects (e.g. silkworm, lac insect).

Issues with Genetically Engineered (GE) Insects Guidelines:

The guidelines lack specificity on the purposes for which GE insects may be approved in India.

While they emphasize applications in health, agriculture, and environment, there is a misalignment with the broader commitment to contributing to the bioeconomy.

Uncertainty for Researchers: The guidelines are limited to research and don't address confined trials or deployment. Lack of clarity on government approval for deployment raises concerns about community exposure without individual choice.

Uncertainty of Ambit: Ambiguity surrounds the definition of 'beneficial' in the context of GE insects, hindering funders and scientists from investing. Similar ambiguities exist in other gene-editing guidelines, affecting progress.



READER'S COLUMN

READING HABIT

Reading is a very good habit that one needs to develop in life. Good books can inform you, enlighten you and lead you in the right direction. There is no better companion than a good book. Reading is important because it is good for your overall well-being. Once you start reading, you experience a whole new world. When you start loving the habit of reading you eventually get addicted to it. Reading develops language skills and vocabulary. Reading books is also a way to relax and reduce stress. It is important to read a good book at least for a few minutes each day to stretch the brain muscles for healthy functioning.

The habit of reading is one of the best qualities that a person can possess. Books are known to be your best friend for a reason. So it is very important to develop a good reading habit. We must all read on a daily basis for at least 30 minutes to enjoy the sweet fruits of reading. It is a great pleasure to sit in a quiet place and enjoy reading. Reading a good book is the most enjoyable experience one can have.

- Sejal, Class X

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



NATIONAL INTEGRITY

National Integration is nothing but a phrase that unites the whole country together, prevents discrimination on the basis of religion, race, caste, creed, etc. This helps to bind the people altogether in a democratic country. National Integration Day is celebrated on 31st October every year as National Unity day or “Rashtriya Ekta Diwas” remembering the birth anniversary of Sir Ballabh Bhai Patel. This magical phenomenon encourages to reduce the civil war, anti-national disputes and helps in making the country stronger. India is a secular country. With the diversity on the basis of religion, tribes, castes, communities, it's quite difficult to maintain unity among the citizens and residents. But with the proper effort of the people and the leaders of our country, we can make India a strong country socially, politically, economically as national integration benefits the country for the overall development of it. If national integration is strong among the people no outsiders can break us. National integrity altogether helps to solve even the global problems. A great sense of patriotism and respect for each other is all we are asking for. It makes one be dutiful towards his/her country. Let's hope for a better future for our country. Remember to respect all religions and every individual of the society.

- Prachi (Class X)



IMPORTANCE OF STUDENT LIFE

Student life is a vital part of everyone's life. The future of the students and the country depends on how we are as students. Thus, getting the right guidance is essential. Student life builds the foundation for our life. Thus, if your foundation is strong, the building will be a strong one too. However, a weak foundation cannot make a building stand. In other words, student life helps us embrace human qualities. People don't realize how lucky and privileged one is to even get a student life. Many children dream of having it but never get one. Thus, if one gets to attain education, one must make the most of it.

Student life won't always be filled with happiness but it will be worthwhile. It helps us grow in the path of life and acquire qualities such as honesty, patience, perseverance, and more.

Vishant, Class- X

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.



Wild Fruit

It was a long walk to school. Down the hill, through the rhododendron trees, across a small stream, around a bare, brown hill, and then through the narrow little bazaar, past fruit stalls piled high with oranges, guavas, bananas, and apples.

The boy's gaze often lingered on those heaps of golden oranges – oranges grown in the plains, now challenging the pale winter sunshine in the hills. His nose twitched at the sharp smell of melons in summer; his fingers would sometimes touch for a moment the soft down on the skin of a peach. But these were forbidden fruit. The boy hadn't the money for them.

He took one meal at seven in the morning when he left home; another at seven in the evening when he returned from school. There were times – especially when he was at school, and his teacher droned on and on, lecturing on honesty, courage, duty, and self-sacrifice – when he felt very hungry; but on the way to school, or on the way home, there was nearly always the prospect of some wild fruit.

The boy's name was Vijay, and he belonged to a village near Mussoorie. His parents tilled a few narrow terraces on the hill slopes. They grew potatoes, onions, barley, maize; barely enough to feed themselves. When greens were scarce, they boiled the tops of the stinging-nettle and made them into a dish resembling spinach.

Vijay's parents realised the importance of sending him to school, and it didn't cost them much, except for the books. But it was all of four miles to the town, and a long walk makes a boy hungry.

But there was nearly always the wild fruit. The purple berries of the thorny bilberry bushes, ripening in May and June. Wild strawberries, growing in shady places like spots of blood on the deep green monsoon grass. Small, sour cherries, and tough medlars. Vijay's strong teeth and probing tongue extracted whatever tang or sweetness lay hidden in them. And in March there were the rhododendron flowers.

His mother made them into jam. But Vijay liked them as they were. He placed the petals on his tongue and chewed them till the sweet juice trickled down his throat. But in November, there was no wild fruit. Only acorns on the oak trees, and they were bitter, fit only for the monkeys.

He walked confidently through the bazaar, strong in the legs. He looked a healthy boy, until you came up close and saw the patches on his skin and the dullness in his eyes.

He passed the fruit stalls, wondering who ate all that fruit, and what happened to the fruit that went bad; he passed the sweet shop, where hot, newly-fried *jelabies* lay

protected like twisted orange jewels in a glass case, and where a fat, oily man raised a knife and plunged it deep into a thick slab of rich amber-coloured *halwa*.

The saliva built up in Vijay's mouth; there was a dull ache in his stomach. But his eyes gave away nothing of the sharp pangs he felt.

And now, a confectioner's shop. Glass jars filled with chocolates, peppermints, toffees – sweets he didn't know the names of, English sweets – wrapped in bits of coloured paper.

A boy had just bought a bag of sweets. He had one in his mouth. He was a well-dressed boy; coins jingled in his pocket. The sweet moved from one cheek to the other. He bit deep into it, and Vijay heard the crunch and looked up. The boy smiled at Vijay, but moved away.

They met again, further along the road. Once again the boy smiled, even looked as though he was about to offer Vijay a sweet; but this time, Vijay shyly looked away. He did not want it to appear that he had noticed the sweets, or that he hungered for one.

But he kept meeting the boy, who always managed to reappear at some corner, sucking a sweet, moving it about in his mouth, letting it show between his wet lips – a sticky green thing, temptingly, lusciously beautiful.

The bag of sweets was nearly empty.

Reluctantly, Vijay decided that he must overtake the boy, forget all about the sweets, and hurry home. Otherwise, he would be tempted to grab the bag and run!

And then, he saw the boy leave the bag on a bench, look at him once, and smile – smile shyly and invitingly – before moving away.

Was the bag empty? Vijay wondered with mounting excitement. It couldn't be, or it would have blown away almost immediately. Obviously, there were still a few sweets in it. The boy had disappeared. He had gone for his tea, and Vijay could have the rest of the sweets.

Vijay took the bag and jammed it into a pocket of his shirt. Then he hurried homewards. It was getting late, and he wanted to be home before dark.

As soon as he was out of the town, he opened the bag and shook the sweets out. Their red wrappers glowed like rubies in the palm of his hand.

Carefully, he undid a wrapper.

There was no sweet inside, only a smooth, round stone.

Vijay found stones in all the wrappers. In his mind's eye, Vijay saw the smiling face of the boy in the bazaar: a boy who smiled sweetly but exchanged stones for sweets.

Forcing back angry tears, Vijay flung the stones down the hillside. Then he shouldered his bag of books and began the long walk home.

There were patches of snow on the ground. The grass was a dirty brown, the bushes were bare.

There is no wild fruit in November.

