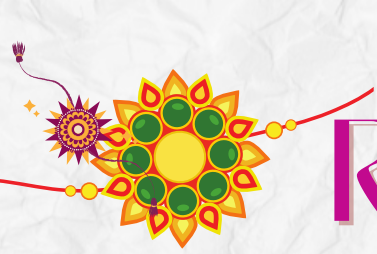


Things work out best for those who make the best of how things work out .

## Rangmanch - The Annual Function



Appreciating the talents of the young blooming buds



# Rakhi Celebration



**Cherishing the bond of pious love between brother and sister**



# Krishna Janmashtami

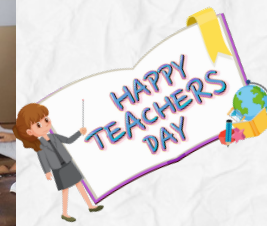


A day filled with devotion, love and celebration





# TEACHERS' DAY



*Showing gratitude to the Mentors*



**Igniting Change- The young students got an opportunity to attend the grand launch of 'City Needs Campus Reporter program'.**



# Community Outreach Program



*Bcmites advocating the elimination of plastic use by distributing cloth bags*



# Endeavour



## BCM School, Dugri Students' Visit to Poddar Tyre Limited Industry, Ludhiana

In a splendid endeavor to expand the horizons of knowledge, BCM School, orchestrated an enlightening exposure visit for its Science students to the renowned Poddar Tyre Limited industry. This strategic initiative was meticulously designed to empower the budding intellects with first hand insights into the dynamic realm of tyre manufacturing and its complicate processes. The students, accompanied by their erudite mentors, embarked on an expedition that transcended the confines of textbooks, immersing them in the palpable essence of industrial craftsmanship.

The visit commenced with a warm reception as the students were greeted by the industrious personnel of Poddar Tyre Limited, Mr. MP Vyas and Subhas Batra, exuding an aura of professionalism and expertise. The sprawling expanse of the manufacturing facility unfurled before students' curious eyes, a symphony of machinery and innovation choreographed in harmonious precision. Guided by Mr. Kushagra Jindal, the students traversed the labyrinthine corridors, each step weaving a thorough understanding as they observed the intricate materials and machines converging to create the final rubber masterpiece.

The symposiums and interactive sessions that ensued further, enriched the students' reservoir of knowledge. Engaging conversation between the inquisitive minds and the industry stalwarts unfolded like an intellectual ballet, wherein questions were met with sagacious answers and insights flowed like the rhythmic cadence of a tyre tread on the asphalt. The students, akin to sponges, absorbed every drop of wisdom, cultivating a profound appreciation for the symbiosis of theory and practice.



# Parents' Corner

## **PARENTS INVOLVEMENT AND EDUCATIONAL OUTCOMES**

Parental involvement can significantly impact educational outcomes for children. Research has shown that when parents are actively engaged in their child's education, it can lead to several positive outcomes. Children have two main educators in their life; their parents and their teachers. Parents are their first educators, the majority of what a child learns in the first few years of their life is taught by their parents. It is only when the child starts to attend an early years setting that they start to learn from another educator. Both parents and teachers continue being a major influence on their children's learning all throughout school and for the rest of their lives. The parents and the child's school both have important roles to play in the child's education and should therefore work together as a team. Parents can get involved in many different ways such as; getting involved with the school itself by helping in the classroom or supervising lunch and break times, or for those parents who work in the day and cannot find the time to help at the school they can get involved by; reading to their child at home, assisting with homework and other learning activities, teaching them songs or nursery rhymes and letting them help with everyday tasks like cooking, baking and chores.

It's Important to note that parental involvement can take various forms, including attending parent-teacher conferences, helping with homework, encouraging a love for reading, and fostering a positive attitude toward learning. While parental involvement is beneficial, it should be balanced to avoid excessive pressure on the child. Collaboration between parents and teachers is also crucial to ensure that both are working together to support the child's education effectively.

To conclude, my research shows a clear link between parental involvement and children performing better in school. Children who's parents are involved in their education are showing better performance and are achieving higher grades.

**Baljit Singh Saini**  
**F/o Ishita Saini**  
**X Lily**



# Teachers' Corner

## **Mathematics: "Vital Thread in the Fabric of Everyday Life"**

Mathematics is often regarded as one of the most challenging subjects in education. Students sometimes wonder about its practicality and its relevance to their lives. However, beneath the complex equations and abstract concepts lies a subject that is not only essential for academic success but also plays a crucial role in our everyday lives and in shaping the world around us.

So in order to engage the students in such an important subject we have to motivate our students and follow the strategies for improving student interest in the mathematics classroom.

**Connecting Mathematics with real life situations:** One of the main reasons of students struggle with mathematics is that they don't see its relevance to their daily lives. That can be changed by showing how mathematics is used in real-life situations. For instance include examples of how mathematics is used in cooking, budgeting, sports, balancing the check-book, shopping for the best price , preparing food, figuring out distance, time and cost for travel , playing music , baking , home decorating , sewing , gardening and landscaping. This will help the students in understanding the practical applications of mathematics and make them more interested in learning the subject.

**Use games and puzzles:** Games and puzzles are a great way to make mathematics fun for the students. You can use math games like Sudoku, crosswords, tangrams , Yahtzee to help the students in understanding mathematical concepts. These games challenge the students to think critically and logically, and at the same time, they are enjoyable also. You can also create math-related puzzles that students can solve individually or in groups.

**Use technology:** Technology has revolutionised the way we learn and teach, and it can be used to make mathematics interesting for students. Maths-related apps and software help the students to visualise and understand mathematical concepts. For instance, you can use graphing calculators and math-related apps to help your students understand the relationship between various mathematical functions. Increased access to technology for maths allows for a more customised learning experience. Because no two learners are exactly alike, technology can provide individual students with content and support that are particularly helpful to their individual needs.

**Fun with mathematics :** Finally, you can make math fun by using humour and creativity in your teaching. You can use math-related jokes and stories to make your students laugh and engage with the subject. You can also use creative visuals and diagrams to help your students understand complex mathematical concepts.

However, the underlying factor for making all these strategies work for students is understanding the motive of every learner. As a teacher, you have the power to make math interesting and engaging for your students and understand their motives and ensure that they are engaged efficiently and effectively. Remember, the key to getting your students interested in math is to make it relevant and enjoyable for them.

Ms. Surpinder Kaur  
TGT Maths





## ***SUBSTANCE ABUSE***

Substance abuse or drug abuse is the repeated and excessive use of drugs. It impacts a person's mental as well as physical health negatively causing a major damage to the brain. Drug abuse hampers a person's power to practice self-control and interferes with their ability to resist the urge to take drugs. Drugs are initially taken out of choice, however, it becomes hard to resist them sooner than you realize. It is difficult to recover from this problem and even those who do stand a high risk of developing it again. People usually take to drug abuse in order to curb the stress caused due to different issues like family issue, pressure at work, relationship problems, financial problems etc. Besides, it can also be a genetic problem. Whatever be the reason, it is essential to understand that drug abuse only aggravates the problems rather than solving them. It is thus wise to stay away from it. Those who have already fallen prey to this problem can seek expert guidance to overcome it. Proper medication, support from loved ones and strong will power can take one out of the dark world of drug abuse. The treatment for drug abuse is extended over a long period so as to ensure that the problem does not relapse. Different types of medications are given to people suffering from different stages of drug abuse. The patient's brain needs to be trained to adapt to the absence of drugs. This treatment helps the patients control their craving for drugs. There are many factors that can trigger a relapse. Medications are being developed to control these triggers. Drug Abuse is a common problem these days. Though hard to resist, the usage of drugs can be controlled with proper medication and guidance.

Ishita Saini  
X Lily



# Students' Achievements



**"The future belongs to those who believe in the beauty of their dreams." - Eleanor Roosevelt**



Harmanjot Kaur (VI Marigold) and Aarnav (IV Rose) bagged second and sixth position respectively at the International Level in the Hindi Olympiad. A total of five students made the school proud by winning gold medals, 11 students won silver medals and 17 students won bronze medals.



Ms. Shreya Singh (XII FMM) got *first position* in National Financial Literacy Assessment Test (NFLAT)-2023 conducted by the National Centre for Financial Education(NCFE). She has been declared winner of North Zone in NFLAT- Senior Category and has also won Amazon e-gift card worth Rs. 3.000/- along with certificate of outstanding performance.



Harpreet Kaur (X Jasmine) achieved a Certificate of Appreciation and selected as a Winner in 53rd UN International Earth Day in the category of Photography Competition hosted by HaritaDhara Research Development and Education Foundation (HRDEF)





Mayank (VIII Aster) and Gunpriya of XII Arts won the *first positions* in Fencing U-14 and U-19 category respectively at District Level Tournament. They got selected for State Level also.



The School won *first prize* in LSSC Table Tennis Tournament and the participants were-  
Shivansh - VII Aster  
Manroop - VII Aster  
Divjot - VII Aster



Narois Sohi (VIII Daisy) got *second position* in 60 meters and 600meters in Khedan Watan Punjab Diyan (Zonal) Competition.



Zonal Badminton Tournament U- 14 and U- 19 (Boys) was held at BCM Arya School in which our school team won *third position* and Rajveer XII Science and Jaskirat VIII Daisy are selected for District Level.



Zonal Cricket Tournament U- 14 (Boys) was held at BCM Arya School in which our school team got *second position*. The students who got selected for District Level are-  
Gurjot Singh - VII Jasmine  
Vansh Vaid - VIII Jasmine  
Ankush -VIII Jasmine  
Hargun -VIII Daisy





Zonal Table Tennis Tournament (U- 14) Boys was held Government School in which our school got First position . The students who got selected for District Level are-  
 Manroop - VII Aster  
 Harnoor - VII Aster  
 Shivansh - VII Aster  
 Manroop got *third position* in Punjab State ranking.



‘Explorica 2.0’ an online Inter - School Science and Technology Exposition was conducted by DAV Public School, BRS Nagar Ludhiana where our school had bagged various positions in different events.

Event	Student Name & Class	Position
AI Make -a - Thon	Agam Maini (IX Daisy) Saksham (IX Marigold)	II
Junk to Joy	Shivam Bansal (VII Marigold) Baljinder (VIII Marigold)	III
Design a Poster (Category B)	Vikruti (IX Rose)	Consolation



The School got *appreciation prize* in Inter- school Shabad Gyan Competition held at Gujranwala Guru Nanak Public School.





# Career Column

## Architecture as a career

Over the years architecture has been a demanding profession. The architects are the ones who are in charge of designing homes, educational institutions, and other infrastructures.

Bachelor of Architecture is a five-year undergraduate program that students who want to get in the field of architecture usually opt for after class 12th. They should have mathematics in class 12 irrespective of their stream.

Various entrance exams to become architecture-

National Aptitude Test in Architecture: NATA

JEE Main Paper 2: The JEE main examination is conducted for the students who want to pursue engineering.

Paper 2 of JEE Mains is dedicated to the students who want to get admission to architecture courses after the 12th.

This course enables the students to learn various skills related to the management of people, technological processes, materials, equipment, and funds of the construction process. Upon completion of this architecture course, students can opt for their careers as project managers, construction managers, civil managers, etc.

Other options for being in the field of architecture is

@Bachelor of planning

@Bachelor of Engineering in construction technology

@Bachelor of Architecture in Landscape engineering

Bachelor of @Architecture in building and construction management

If you are one who doesn't want to pursue any long-term courses then several certificate courses enable you to enhance your practical knowledge in this field.

## ਹੈਰਾਨੀਜਨਕ ਤੱਥ

1. ਅੰਟਾਰਕਟਿਕਾ ਤੋਂ ਇਲਾਵਾ ਦੁਨੀਆ ਵਿਚ ਹਰ ਥਾਂ 'ਤੇ ਮੱਖੀਆਂ ਪਾਈਆਂ ਜਾਂਦੀਆਂ ਹਨ।
2. ਸ਼ੁਤਰਮੁਰਗ ਦੇ ਤਿੰਨ ਪੇਟ ਹੁੰਦੇ ਹਨ।
3. ਸਾਡੀਆਂ ਅੱਖੀਆਂ ਤੋਂ ਵੱਧ ਹੱਡੀਆਂ ਸਾਡੇ ਹੱਥਾਂ, ਗੁੱਟ, ਗਿੱਟਿਆਂ ਅਤੇ ਪੈਰਾਂ ਵਿੱਚ ਸਥਿਤ ਹਨ।
4. ਡਰੈਗਨਫਲਾਈ ਸਭ ਤੋਂ ਤੇਜ਼ ਕੀੜਿਆਂ ਵਿੱਚੋਂ ਇੱਕ ਹੈ ਅਤੇ 50 ਤੋਂ 60 ਮੀਲ ਪ੍ਰਤੀ ਘੰਟਾ ਦੀ ਰਫ਼ਤਾਰ ਨਾਲ ਉੱਡਦੀ ਹੈ।
5. ਸਿਰਫ ਇੱਕ ਘੰਟੇ ਲਈ ਹੌਂਡ ਫੋਨ ਲਗਾਉਣ ਨਾਲ ਤੁਹਾਡੇ ਕੰਨ ਵਿੱਚ ਬੈਕਟੀਰੀਆ 700 ਗੁਣਾ ਵੱਧ ਜਾਵੇਗਾ।

# Exploration



## पीपल का महत्व

पीपल का पेड़ सबसे ज्यादा ऑक्सीजन देने वाला पेड़ है। इसमें प्रोटीन, फैट, कैल्शियम, आयरन और मैंगनीज जैसे कई जरूरी पोषक तत्व मौजूद होते हैं। आयुर्वेद के मुताबिक पीपल के पेड़ से कई बीमारियों का इलाज किया जा सकता है। पीपल एक सदाबहार पेड़ है। पीपल का वैज्ञानिक नाम *Ficus Religiosa* है। पीपल का पेड़ बड़ा और विशाल होता है। इसकी डालियाँ खूब फैलती हैं। इसके पत्ते तिकोने-गोल होते हैं। इस वृक्ष को हिन्दू सभ्यता की शुरुआत से ही पूजा जाता है। इस पवित्र पेड़ में औषधीय मूल्य का भरपूर धन शामिल है और इसका उपयोग कई बीमारियों के इलाज में सहायक है, जिसमें साँप काटने से, अस्थमा, त्वचा रोग, गुर्दे की बीमारियाँ, कब्ज, खसरा और विभिन्न रक्त संबंधी समस्याएँ आदि का निवारण शामिल है। पीपल के पेड़ के पत्तों में ग्लूकोज और मेननो, फेनोलिक होते हैं जबकि इसकी छाल में विटामिन के, टैनन और फाइटोस्टेरोलिन पाया जाता है। इन सभी सामग्रियों ने मिलकर पीपल के पेड़ को एक विशेष औषधीय पेड़ बना दिया है। आयुर्वेद के विज्ञान के अनुसार, पीपल के पेड़ के हर हिस्से – पत्ती, छाल, बीज और उसके फल में कई औषधीय लाभ होते हैं और इसका उपयोग प्राचीन काल से कई बीमारियों को ठीक करने के लिए किया जा रहा है। पीपल की पत्तियों का पाउडर से अस्थमा जैसी सांस से जुड़ी कई बीमारियों से हमारी रक्षा करने में मदद करता है। पीपल की पत्तियों के दूध से आँखों के दर्द में राहत मिलती है। पीपल की दातुन करने से दाँतों का दर्द दूर होता है और दाँतों से जुड़ी कई परेशानियाँ दूर होती हैं। पीपल की पत्तियों से नाक से बहने वाले रक्त (नकसीर) से राहत मिलती है। पीपल के पत्ते बुखार और सर्दी में राहत प्रदान करते हैं। पीपल एकमात्र ऐसा वृक्ष है, जो चौबीस घंटे ऑक्सीजन प्रदान करता है। इसके नीचे बैठकर कई विद्वानों ने ध्यान किया और ज्ञान की प्राप्ति की। पीपल के वृक्ष की उम्र कई सालों तक होती है। पीपल का वृक्ष पूजनीय है।

## MIND BOGLER



### Try out these riddles

1. What is the coolest letter in the alphabet?
2. I have branches, but no fruit, trunk or leaves. What am I?
3. What has many teeth but cannot bite?
4. People buy me to eat but never eat me. What am I?
5. I have no feet, no hands, no wings, but I climb to the sky. What am I?
6. What is more useful when it is broken?
7. What has words but never speaks?