

MATTER OF CONCERN

A CALL TO ACTION: THE EARTH IS IN NEED OF OUR ATTENTION
When nature speaks, it is our duty to listen with responsible hearts.

Did You Know?

- A single tree absorbs approximately 22 kg of carbon dioxide each year.
- Plastics require over 400 years to decompose.
- Only 3% of the Earth's water is fresh, and less than 1% is readily accessible for our use.

Once upon a time, the sky was brighter, rivers flowed with clarity, and birds sang with joy. However today, we are witnessing a shift. The air is increasingly polluted, summers are becoming sweltering, and rainfall patterns are erratic. These changes are not mere coincidences; they are urgent signals from our planet, urging us to reconsider how we manage our resources. This issue transcends environmental concerns; it is a collective responsibility that affects us all.

Imagine a toddler sketching the Earth, filled with vast oceans of blue, lush green forests, and bright sunshine yellow. Now picture a child growing up in a world where clean air is scarce, water is a luxury, and animals exist only in photographs. This thought should bring us to a sobering realization.



Consider a simple plastic bottle. We use it for mere moments before tossing it away, yet these bottles can remain on our planet for over 400 years. They often end up in rivers and oceans, where they pose a danger to marine life that may mistake them for food. A single moment of negligence can lead to significant consequences.

Now, reflect on a tree. A large tree can absorb approximately 22 kilograms of carbon dioxide each year and produce oxygen for several individuals. Yet, thousands of trees are cut down daily to accommodate buildings and roads. When a tree is removed, we lose not only shade and fresh air but also vital habitats for birds and other wildlife.

The Earth has always gifted us with clean air, water, food, and breathtaking beauty. Now, it asks for something in return: our care and responsibility. While we may feel like ordinary students with limited power, remember that even the vast ocean is made up of tiny drops of water. There are simple actions you can take to make a meaningful difference, such as turning off lights when they're not needed, conserving water, planting trees, and steering clear of plastics.

Let us not wait for floods, heatwaves, or disasters to motivate us to take action. Instead, let us act out of love for our home. Caring for our planet is a responsibility we must embrace, not just an option.



Thought to Remember
"We do not inherit the Earth from our ancestors; we borrow it from our children."

Let this not be merely a quote we read, but a promise we strive to uphold.

**Divit
VIII- A**



WRITERS' FORUM

The Rise of E-commerce in the Post-Pandemic Era: Trends, Challenges, and Opportunities

The COVID-19 pandemic has brought about unprecedented changes in the way we live, work, and shop. The shift to online shopping has accelerated at an unprecedented rate, with e-commerce sales skyrocketing globally. In this article, we will explore the recent trends, challenges, and opportunities in the e-commerce landscape, and examine the implications for businesses, consumers, and the economy as a whole.

• Trends in E-commerce

The pandemic has accelerated the growth of e-commerce in several ways. Firstly, the rise of social distancing measures has led to a significant increase in online shopping, as consumers seek to avoid physical stores and reduce their exposure to crowded areas. According to a report by the United Nations Conference on Trade and Development (UNCTAD), global e-commerce sales reached \$3.9 trillion in 2020, up from \$2.3 trillion in 2019.

Secondly, the pandemic has led to a surge in demand for essential goods and services, such as food, healthcare products, and home delivery services. This has created new opportunities for e-commerce platforms to partner with logistics companies and retailers to meet the growing demand.

Thirdly, the pandemic has accelerated the adoption of digital payment methods, such as contactless payments and mobile wallets. This has made it easier for consumers to shop online and has reduced the risk of in-store transactions.



Challenges in E-commerce

Despite the growth of e-commerce, businesses and consumers encounter several challenges.

- **Supply Chain Resilience:** The pandemic has underscored the need for robust supply chains, as many e-commerce platforms have struggled to maintain inventory levels and satisfy demand.
- **Security Risks-** The rise of e-commerce has introduced new security concerns, making online transactions more susceptible to cyberattacks and data breaches. This situation has prompted increased investments in cybersecurity measures, including encryption and two-factor authentication.
- **Customer Service and Returns-** The pandemic has also brought forth new challenges for e-commerce platforms regarding customer service and returns. With a surge in online shopping, the demand for effective customer support and return processes has intensified.

Opportunities in E-commerce

Despite these challenges, the e-commerce landscape presents numerous opportunities for both businesses and consumers.

The pandemic has opened up new avenues for e-commerce...



Platforms are forming partnerships with logistics companies and retailers to address the increasing demand for essential goods and services.

- The growth of e-commerce has opened up new avenues for small and medium-sized enterprises (SMEs) to access a broader audience and effectively compete with larger retailers.
- Additionally, the pandemic has expedited the integration of digital technologies, including artificial intelligence (AI) and machine learning (ML), which can enhance the e-commerce experience and improve customer engagement.

• Conclusion

The COVID-19 pandemic has ushered in unprecedented transformations within the e-commerce sector. While challenges abound, numerous opportunities exist for both businesses and consumers to adapt and flourish in this evolving landscape. As the pandemic progresses, it is crucial for e-commerce platforms to emphasize supply chain resilience, cybersecurity, and customer service to satisfy the rising demand for online shopping.



By
Gurneet Kaur
PGT English

HEALTH AND FITNESS

Healthy Body – Happy Brain

Secret Health Guide to Stress-Free Exams & Excellent Results

Food for Thought:

□ What we eat decides how our brain works.

It is like putting the right fuel in the engine to get optimum results.

□ Fruits, vegetables, milk, nuts, and whole grains give brain power.

Optimise your diet by adding seasonal produce.

□ Junk food makes us lazy and dull!

Do: Eat a colourful plate and drink enough water.

Don't: Eat too much junk, skip meals, or overdo caffeine.



Sleep – The Brain's Recharge Button!

□ Sleep is like charging your brain's battery.

While we sleep, our brain stores what we learned during that day.



Sleep & Fitness for Brain Power

Kids who sleep well remember better and feel fresh, whereas lack of sleep makes you feel tired, angry, and distracted.

Do: Sleep for 8-10 hours every night

Don't: Use mobile phones or watch TV late at night



Fitness and the Brain

Exercise is not only for strong muscles – it is also for a strong mind.

During physical activity, the brain gets more oxygen and helps improve memory, attention, and mood.

For small children: Playing outdoors & cycling keeps you active and happy

For senior students: Sports, walking, stretching, or simple workouts reduce stress and sharpen focus

Do: Play or exercise for at least 30-60 minutes daily

Don't: Sit for long hours without moving



Concentration & Consistency

A healthy body helps us to sit, listen, and concentrate better. But concentration also needs discipline.

Do: Study regularly every day. Keep study time fixed.

Don't: Overindulge in distractions of screens and mindless scrolling.

A healthy body builds a happy brain.

Good health habits bring better focus, memory, improve mood, and lead to higher marks.

Success does not come in one day – it is built through small daily efforts.

Take care of your body, train your brain, and believe in yourself.



By
Dr Amanpreet Kaur
Medical Officer
MLPS

SPOTLIGHT

Birthday Celebration of Non - Teaching staff

Our school believes in celebrating every member of its family with respect and gratitude. As part of this thoughtful initiative, the birthdays of non-teaching staff are celebrated with great warmth and joy.

On their special day, a small celebration is organized in the school in the presence of our respected Principal Ma'am and other non-teaching staff members. The highlight of the celebration is the cake-cutting ceremony, where the birthday cake is cut by the employee along with our respected Principal Ma'am. Everyone gathers to extend their heartfelt wishes and appreciates the dedicated service of the staff member.



To make the occasion even more special, a gift is presented by the Principal Ma'am as a token of appreciation. The atmosphere during the celebration is filled with smiles, happiness, and a sense of togetherness.



This thoughtful gesture by the school makes these employees feel respected and valued for their hard work and contribution to the smooth functioning of the school.



Kite Flying Celebration on Makar Sankranti

To celebrate the joyous festival of Makar Sankranti, a lively kite-flying activity was organized in our school ground for students of Classes 6th to 8th. The event filled the atmosphere with excitement, colour, and enthusiasm.



Early in the morning, students gathered on the ground carrying bright and beautifully designed kites. With the help of their teachers, they learned how to fly kites and control the strings. Soon, the clear blue sky was decorated with kites of various shapes and colours.



The students cheered happily whenever their kites soared high in the sky.

The activity not only brought fun and enjoyment but also helped students understand the cultural importance of the festival. It encouraged teamwork, outdoor participation, and festive spirit among the children.

Overall, the celebration was a delightful experience, making Makar Sankranti memorable for everyone present.



Reported by
Kairavi Shekar
XII-C

SPOTLIGHT



Celebration of 26th January in School

Our school celebrated 26th January with great patriotism and enthusiasm. The event was organized to honor the spirit of the nation and to remember the importance of the day.

The program began with the hoisting of the Indian National Flag by our respected Principal Ma'am along with the teachers, Head Boy, and Head Girl. As the flag was unfurled, everyone sang the National Anthem with pride and respect.



After the flag hoisting ceremony, students presented various patriotic items. These included inspiring speeches, patriotic songs, and energetic dance performances that filled the atmosphere with love and respect for the country. The students performed with great enthusiasm, and their presentations were appreciated by everyone present.

The celebration reminded everyone of the sacrifices made by our freedom fighters and strengthened the feeling of unity and patriotism among the students.



The event concluded with a heartfelt vote of thanks delivered by the Head Boy, who expressed gratitude to the respected Principal Ma'am, teachers, and all the students who made the celebration successful.

Overall, the celebration of 26th January was inspiring and memorable for everyone in the school.



Farewell Party for the Outgoing Batch (2025-26)

A grand farewell party was organized by the students of Class XI for the outgoing batch of Class XII (Session 2025-26). The event was filled with emotions, excitement, and heartfelt memories.

The school hall was beautifully decorated and the atmosphere was both joyful and emotional. While Class XI students were excited to host the event, students of Class XII felt a mix of happiness and nostalgia as they prepared to say goodbye to their school life.



The programme began with wonderful performances prepared by Class XI students, including dance and other entertaining acts. Various fun titles were also distributed to the Class XII students, which added laughter and joy to the celebration. The most awaited moment of the event was the announcement of Mr. Farewell and Ms. Farewell. The titles were proudly won by Divyansh and Ashmi, respectively, and everyone applauded them warmly.



Delicious eatables were arranged for the students, making the celebration even more enjoyable. Later, a special cake cutting ceremony was organized for Class XII students, marking a memorable moment for everyone present.



SPOTLIGHT

Lohri Celebration in School

Our school organized a joyful Lohri celebration for all the students. The event was full of excitement, enthusiasm, and festive spirit.



The celebration included a variety of delicious eatables which students enjoyed together. Several fun-filled and entertaining games were organized in which students participated actively. Their cheerful laughter and energetic participation created a lively and joyful atmosphere in the school.



To make the celebration even more exciting, a dance party was also organized. Students danced enthusiastically and enjoyed the festive vibes with their friends and teachers.



The most special moment of the event was when the sacred Lohri fire was lit by our respected Manager Ma'am, Principal Ma'am, and our respected teachers. Everyone gathered around the fire and celebrated the festival with great joy and devotion.

The Lohri celebration brought happiness and a sense of togetherness among all the students, making the day truly memorable.



National Science Day Celebration

School celebrated National Science Day with great enthusiasm and curiosity. The celebration aimed to promote scientific thinking among students and to highlight the importance of science in our daily lives. A seminar was organised for the students on this occasion.

During the seminar, they explained the importance of National Science Day and why it is celebrated every year. Students were also introduced to the contributions of various great scientists who have played a significant role in the development of science.



The seminar helped students understand how scientific discoveries have shaped the modern world.

The celebration proved to be very educational and inspiring for everyone. It encouraged students to develop a scientific temperament and motivated them to explore the fascinating world of science with curiosity and dedication.



Reported by
Kairavi Shekar
XII-C



SPOTLIGHT

Hawan Ceremony for Board Classes

A sacred Hawan was organized in our school on 2nd February 2026 for the students of Classes 10th and 12th to pray for their success in the upcoming board examinations and to seek the blessings of the Almighty.

The Hawan was conducted in the school ground in a peaceful and spiritual atmosphere. Students, along with the respected Principal Ma'am and teachers, participated in the ritual with great devotion. The chanting of holy mantras created a positive and calm environment, inspiring the students and filling them with confidence for their examinations.



The ceremony aimed to motivate the students and bless them with wisdom, concentration, and success in their academic journey. The students prayed sincerely for good results and a bright future.

At the end of the Hawan, Prashad was distributed among the students and teachers. The ceremony concluded on a spiritual and hopeful note, leaving everyone with a sense of positivity and encouragement for the upcoming board exams.



Grandparents Day Celebration

Our school celebrated Grandparents Day with great enthusiasm and joy over two days. The event was organized to honor the love, wisdom, and blessings of grandparents and to strengthen the bond between generations. The school campus was filled with happiness as grandparents were warmly welcomed by the students and teachers.



On the first day, the celebration began with a warm welcome for all the grandparents. Students from Nursery to class II presented various delightful items specially prepared for their grandparents. The tiny tots recited beautiful poems and heartfelt speeches, expressing their love, respect, and gratitude towards their grandparents. Their innocent words and confident performances filled the atmosphere with warmth and emotion. The grandparents were deeply touched by the efforts of the young students.

On the second day, the celebration continued with more entertaining and cultural performances.



The Bhangra dance performance by the students filled the hall with energy and excitement, and the audience enthusiastically applauded the vibrant presentation. Another highlight of the event was a graceful classical dance performance, which captivated everyone with its elegance and rhythm. Both performances became the centre of attraction of the celebration.



During the program, some grandparents were also invited on stage to share their feelings and experiences. They expressed their happiness and gratitude towards the school for organizing such a thoughtful event. Many grandparents shared emotional words about the joy they feel when spending time with their grandchildren. The celebration concluded on a happy note with smiles, laughter, and heartfelt blessings from the grandparents. The event truly strengthened the bond between students and their grandparents and created beautiful memories for everyone present.



CHAMPION'S CORNER

MLPS NCC: A Legacy of Unity and Discipline Building Character, Inspiring Leadership

By – Satyan

NCC Cadet (Class VIII-A)

Discipline, determination, and dedication define the spirit of the National Cadet Corps (NCC), established in 1948 with the inspiring motto “Unity and Discipline.” As the youth wing of the Indian Armed Forces, NCC shapes young students into confident and responsible citizens.

At Mukand Lal Public School (MLPS), the NCC unit under 14 Haryana BN NCC, Yamunanagar continues to grow with over 70–80 cadets this year. Students proudly join the corps to develop leadership skills, self-confidence, and a strong sense of national unity.

The unit is guided by Associate NCC Officer (ANO), Mrs. Anju Gambhir, HOD (Social Science), whose disciplined approach and inspiring mentorship motivate cadets to excel.



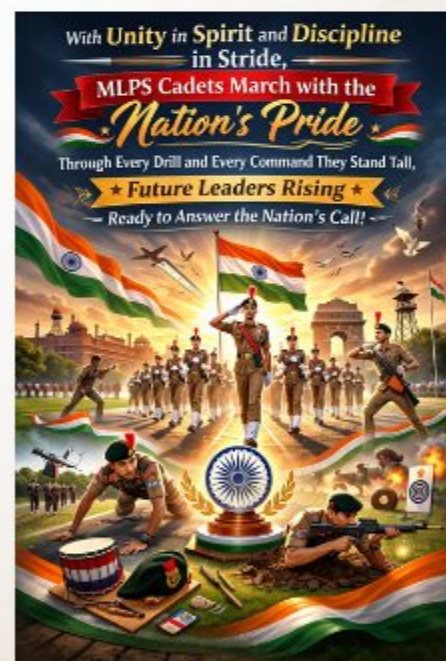
With unity in spirit and discipline in stride, MLPS cadets march with the nation's pride.

Through every drill and every command they stand tall, Future leaders rising – ready to answer the nation's call

Cadets actively participate in parades, weapon training, map reading, and camps, including the 2025 YIET Gadholi session. A remarkable achievement was recorded in January 2025 when 36 cadets earned the prestigious ‘A’ Certificate after completing two years of training.

The MLPS NCC unit stands as a pillar of student development – nurturing courage, leadership, and patriotic values.

“Through every march and every command, MLPS cadets rise as disciplined leaders of tomorrow.”



EXPRESSIONS



Discovering Your Goal: The Aim That Shapes Your Life

Hello everyone! My name is Navya. I want to talk about something super important: the definition of a goal. A goal is the big aim you set for your life. For example, some people dream of becoming an IFS officer, a doctor, or a soldier. Others aim for high grades to become a teacher or even a basketball coach! Your goal matters the most because it guides everything you do. Why are goals so important? Imagine you're studying for a big exam but feel like giving up. That's when your goal shines—it reminds you why you're trying and keeps you motivated to push on!

So, take time to think about your goal. It will light the way to a bright future. What's your goal? Share it with friends and start chasing it today!

By Navya Kaushal,
Class VII-C



Our Wonderful School: A Place to Learn, Grow, and Have Fun

School isn't just for learning—it's where we grow, have fun with friends, and discover new things every day. Going to school makes me feel great, especially when I get to study exciting topics. Science is my favourite subject, and I love it when our school organizes educational trips to places like museums or solar panel sites—I never miss them! Our school also promotes sports.



During game period, teachers come to our class, line us up, and take us to the ground for action. We have tons of competitions in badminton, football, chess, karate, and more. Overall, I want to say our school is the best—full of learning, laughter and opportunities!

By Yugal Arora,
Class VII-C

A Kind Act

One day, I visited the Roadside Market for some errands. As I was about to cross the road, I noticed an elderly woman struggling to navigate the busy street. Recalling my mother's advice to lend a helping hand, I promptly assisted the lady in crossing the road.

She expressed her gratitude by offering me chocolates and soft drinks. I, in turn, thanked her for her kindness. This encounter reminded me of the value of helping others – it not only brings joy to the recipient but also fills one's heart with a sense of fulfillment. I felt truly blessed to have been able to assist her, and it made my day all the more special.

Radhika Rajput
VII C



School Life: A Temple of Growth and Joy

School is more than a place of learning—it's where we grow, communicate effectively, and build lifelong friendships. Our teachers are always there, guiding us through challenges and helping us unlock our true potential. We dive into fascinating subjects like Science and Math, each playing a vital role in our development. School opens doors to excellence at district, state, and national levels, truly a temple of knowledge. Sports and activities keep us active, sharpening our skills with every practice. While many miss out education and toil in jobs like street vending, we must appreciate their hard work and value our blessings. Cherish every moment—school shapes us for a brighter tomorrow!

By Aakarsh Sharma,
Class VII-C



EXPRESSIONS

My First Day at School

I felt nervous as I headed to school, reluctant to leave my parents behind. But with their encouragement, I took the plunge.

On my first day I saw many other students and met new friends and inspiring teachers. In class, I sat with a girl who struck up a conversation, asking my name and chatting with me. The experience taught me:

1. Courage: stepping out of my comfort zone helped me overcome fear.
2. Friendship: making new friends made school feel welcoming.
3. Learning: I discovered many new subjects and ideas.
4. Adaptability: adjusting to a new environment boosted my confidence.
5. Support: teachers guided me and made the day enjoyable.

It was a memorable day of learning new things, and I'm glad I took the first step.

*Jivika, 8-E



A Tale of Friendship and Farewell

Once upon a time, in 2013, a sweet girl named Alice was born, spreading joy to everyone around her. When it was time for her first day of school, she felt nervous about this new adventure—full of new friends, laughter, and shared tears. Alice cried non-stop that morning. Suddenly, a kind girl named Sofi appeared. "Don't cry," Sofi said gently. "I'm here with you. Let's be friends!" Alice smiled through her tears. "Okay! You're so sweet—thank you for your kindness."



From that day, Alice and Sofi became inseparable best friends. They helped each other with homework, laughed at silly jokes, cried over small hurts, and stayed loyal through it all. But in 4th grade, Sofi's family decided to switch her to another school. On Sofi's last visit, Alice was heartbroken and burst into tears. Sofi hugged her tight and promised, "We'll meet again when we're grown-up ladies!" "Deep down, Alice knew it might not happen. They both cried as Sofi waved a final goodbye and left. Years passed, and now as a young lady, Alice has fond memories of Sofi—but time has gently faded their bond.

Moral: Some friendships are beautiful chapters, not forever stories.

By Avleen Kaur
VII-C

A Story of a Little Girl – Nitika's Journey of Hope

Once upon a time, a bright little girl named Nitika lived in the western region of Telangana. Her mother was a widow who ran a small daily class where Nitika studied because her parents had no money to send her to a proper school. Despite the hardship, Nitika never gave up; she helped her mother and father earn a little money to support the family. In the same neighbourhood lived a kind-hearted girl named Anika.

After observing Nitika's family for many days, Anika visited them and asked, "Why are you living here in such difficulty? Why don't you have a good house?" Nitika's parents explained, "We are very poor. We lack money for good food, a decent home, and we cannot afford to send our child to a good school or buy clean clothes."



Moved by their situation, Anika generously offered the family to move into her house. She promised to provide them with shelter, food, and the means for Nitika to attend a proper school. Accepting the offer, Nitika began attending school regularly, learned new things, and her family started living happily and securely with Anika's support. The story shows how kindness and compassion can change lives, giving hope and opportunities to those in need.

Moral: Kindness has the power to transform lives and create brighter futures

Aaradhya Sharma
Class VII-C

**THE ART OF WRITING IS
THE ART OF DISCOVERING
WHAT YOU FEEL
~ GUSTAVE FLAUBERT**



EXPRESSIONS

Mother

With Voice So sweet,
With eyes So bright;
She tells me always,
What's wrong and what's right.

Whenever I do something wrong,
and the situation becomes tough,
She motivates me in every face,
and I completely trust her.
As for me, she is enough.

She is the scion of our family,
cooks us food,
makes us laugh,
and always make my mood.

Name- Lavishka

Class - 8th - E



“Colours are not colours”

Colours aren't just red, green, blue,
They're clues that whisper life
anew.

Colours speak in words we say,
Binding moments, night and day.

They paint our feelings, stir
emotions high,
Echoing heartbeats that make us
fly.

They give a voice that's clear and
bright,
Filling hearts with joy and light.

Colours show the paths we choose
to take,
Open doors to chances we can
make.

They spark courage in each stride,
Dressing life in hues, side by side.

Simmer

VII C



A Dog's Daring Rescue

There was a brave girl named Damanpreet who lived in Mumbai. One day, while cycling to school with her friend, she spotted a sneaky boy named Raman. He lured a helpless stray dog with a piece of chocolate and tried to kidnap it. Damanpreet, a true dog lover, couldn't just stand by—she ditched school and secretly followed him to his hideout in another city. The hideout was full of stolen games and gadgets, but Damanpreet's focus was the scared dog. The boys spotted her and gave chase! Luckily, she was a national-level runner. She scooped up the dog and sprinted away, with the gang hot on her heels—they wanted to sell the dogs for a high price. Back in her city, one boy lunged at her, but Damanpreet fought back fiercely and escaped. She raced straight to the police, who arrested the culprits. The dog was safe at last! Moral: Always stand up to save animals—they deserve our love and protection.

**By Keshav,
Class VII-C**



My Brother's Great Invention

Once upon a time, there lived a man named Aarav with his wife and two children, Pulkit and Bhavni. Pulkit was a super creative boy—his room was always packed with wires, gadgets, and wild inventions. One day, his parents had to attend a wedding, leaving the kids home alone. While Bhavni watched TV, Pulkit tinkered away on his latest project: a time machine! Suddenly, a loud knock echoed at the door. Bhavni peeked out and saw a sneaky thief named Dron. "Hand over your valuables!" Dron shouted, pushing inside. Pulkit rushed over, grabbed a toy robot, and scared Dron toward his room. The thief spotted a shiny gold brick, dashed in, and locked the door behind him. Pulkit and Bhavni banged on the door and called the neighbors for help. When they finally broke it open, the room was empty—no thief, no gold brick, and no windows to escape through! Dron had vanished without a trace. Everyone whispered that Pulkit's time machine had whisked the thief away forever.

Moral: Creativity and bravery can solve even the trickiest problems!



**By Paras,
Class VII-C**



DID YOU KNOW ?



THE MYSTERIES OF SPACE

Space is not empty. It is alive with light, motion, and stories that began billions of years ago. When we look up at the night sky, we are not just seeing stars—we are looking back in time. Every twinkle carries a secret from the universe



The Birth of Everything – The Big Bang

About 13.8 billion years ago, the universe began with a massive explosion known as the Big Bang. From a tiny, hot point, space expanded rapidly. Galaxies, stars, planets—even the atoms in our bodies—were formed from that beginning.

Yes, the iron in your blood and the calcium in your bones were once created inside exploding stars. We are truly made of stardust.



Our Solar System – A Cosmic Family.

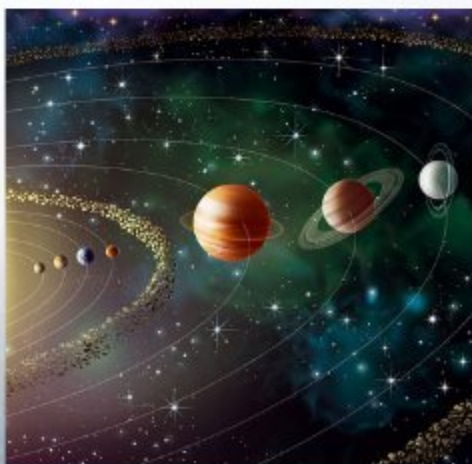
At the center lies the Sun, a giant ball of burning gases that gives us light and life. Orbiting around it are eight fascinating planets:

Stars – Factories of Light

Stars are massive spheres of gas that produce energy through nuclear fusion. Some are tiny red dwarfs; others are enormous supergiants. When very massive stars explode as supernovae, they create black holes—regions where gravity is so strong that not even light can escape. Imagine a spoonful of neutron star material weighing more than Mount Everest.

Galaxies – Islands in the Universe

Our galaxy, the Milky Way, contains billions of stars. And guess what? There are billions of galaxies in the observable universe. Some are spiral-shaped like ours, others are elliptical or irregular. If the Sun were the size of a coin, the nearest star would still be kilometers away. That is how vast space really is.



Space Exploration – Humanity's Greatest Adventure

From the first satellite, Sputnik, to humans walking on the Moon, space exploration shows the power of curiosity. Space agencies are now planning missions to Mars and beyond. Telescopes like the James Webb Space Telescope are capturing breathtaking images of distant galaxies formed just after the Big Bang. The future may include space tourism, colonies on Mars, and even asteroid mining. What seems like science fiction today could become reality tomorrow.



By:
Prisha Dhiman
X- B



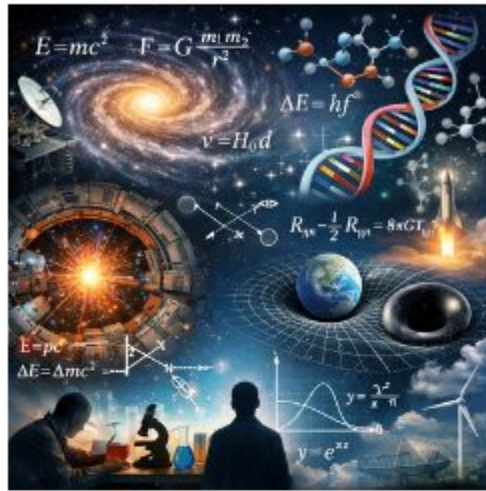


MATHEMATICS: THE BACKBONE OF SCIENCE, TECHNOLOGY & AI

Mathematics has always been the silent force driving human progress. Often called the language of science, it helps us understand, analyze, and predict natural phenomena. From physics describing motion and energy to chemistry calculating measurements and biology studying population growth through statistics, every branch of science depends on mathematics.

As rightly said, "Without mathematics, there is no science."

Sir Isaac Newton developed calculus to explain motion and gravity, while Albert Einstein used complex mathematical equations to shape the Theory of Relativity. Kepler's laws of planetary motion are purely mathematical relationships. Even modern space missions calculate their trajectories using millions of equations. Statistics have also played a key role in vaccine development and epidemic control.



Mathematics in the Digital Era

Modern technology is deeply rooted in mathematics. Computers function using binary numbers (0 and 1), forming the foundation of all digital systems. Logical reasoning, Boolean algebra, and discrete mathematics guide programming languages and circuit design. Artificial Intelligence (AI) is powered entirely by mathematical concepts. Linear algebra processes vast amounts of data, calculus improves machine learning accuracy, and probability and statistics help systems make predictions under uncertainty. Neural networks rely heavily on mathematical equations to function.

Everyday examples include:

Face recognition systems in smartphones
Online recommendations on YouTube and Netflix
Secure UPI and online banking systems based on number theory
Voice assistants like Alexa and Siri learning speech patterns

Career Opportunities in AI & Data Science

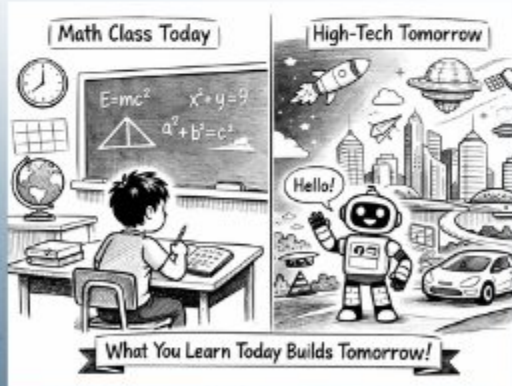
With the rapid expansion of technology, mathematics has opened doors to numerous career paths such as:

- Machine Learning Engineer
- Data Scientist / Analyst
- Computer Vision Engineer
- AI Consultant

Several prestigious institutions offer specialized programs in AI and Machine Learning, including IIT Delhi, IIT Mandi, and IIT Madras (SWAYAM Plus), along with global platforms like Coursera, edX, and Udacity. These programs focus on Python programming, linear algebra, calculus, probability, optimization, and neural networks.



By
Megha Chauhan
PGT Maths





TALK TITBITS



Spoken English: Your Global Passport

Do you ever have a great idea but hesitate to say it because you're worried about your English? You're not alone. While we all love our native language, mastering spoken English is a total game-changer. It isn't just a school subject; it's a life skill that builds your whole future.

Why English Matters for YOU ?

English is the "bridge" language of the world. Leveling up your speaking skills is worth the effort because:

The Language of the Internet: As the primary language of the web, it provides access to vast information and resources.

Global Opportunities: It opens doors to better education and is a prerequisite for careers in multinational firms.

Entertainment & Culture: Enjoy global movies, music, and books in their original form and connect with people on a deeper level.

Confidence Booster: English gives you the power to reach out and express your ideas on a broader scale. It changes your perspective and your life!



Key Strategies for Better Conversation

Improving your English requires consistent practice, not just memorizing grammar. Here is your roadmap to fluency:

1. Start Small & Stay Consistent

Don't focus on overwhelming long-term targets. Set daily, achievable goals, like learning three new phrases or practicing for 10 minutes. Start speaking immediately to overcome fear—even if it's just one sentence to yourself daily.

2. Integrate it Into Your Life

Make English part of your routine. Narrate your actions as you do them, try to think in English, or listen to English podcasts during your morning commute to school.

3. Record & Review

Use your phone to record your voice while speaking about a topic like your hobbies or travel. Listening back helps you identify areas for improvement, like pronunciation and intonation, and allows you to track your progress over time.

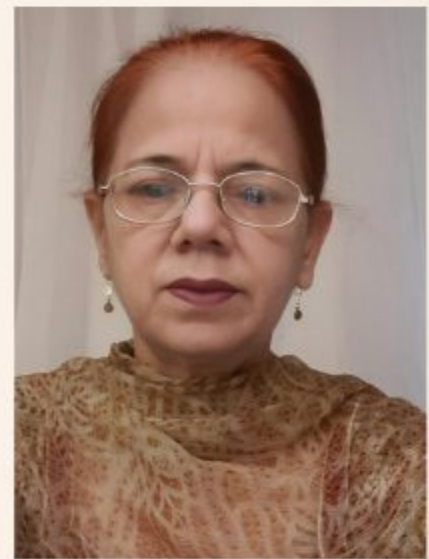
4. Focus on "Chunks," Not Words

Learn common phrases and idioms rather than isolated words. This helps you sound more natural and speak more smoothly.

5. Perfection is the Enemy of Progress

Remember: Mistakes are part of the learning process. Shift your focus away from perfect grammar and concentrate on communicating clearly. Whether you are talking to friends, family, or yourself, the goal is to be understood!

The importance of English in today's world is obvious. It allows you to participate fully in global discourse and travel worry-free. So, embrace the challenge and start honing those skills today. The world is waiting, and with English, you'll be ready to make the most of every opportunity!



By
Paramjeet Kaur
PRT English

FUN ZONE

Find the difference



Find the given words from the word Puzzle

S	R	A	P	G	B	L	Q	Y	Z	Y	G	O	T	E
P	H	G	Q	H	O	Z	R	T	M	O	R	Z	P	A
N	T	I	M	R	Y	P	T	R	M	F	L	A	U	N
Q	J	O	E	O	N	R	O	P	O	G	H	U	T	I
Z	Z	Z	G	M	A	O	X	Q	E	L	M	R	S	T
P	H	O	T	O	S	Y	N	T	H	E	S	I	S	R
K	E	N	D	Z	N	T	T	F	F	Q	T	A	R	O
G	L	E	Z	O	T	N	F	S	M	O	R	Q	O	G
R	Y	O	P	N	B	A	P	D	A	I	A	G	A	E
Z	G	F	T	E	D	O	X	Y	G	E	N	D	G	N
L	G	H	U	S	T	G	L	Y	A	T	P	E	I	S
S	M	P	L	O	G	A	Z	N	P	O	L	A	D	Y
G	T	N	Y	F	E	B	A	G	T	E	R	I	A	S

Horizontal

1. Oxygen
2. Photosynthesis
3. Bacteria
4. Zygote

Vertical

1. Nitrogen
2. Acid
3. Chromozobes
4. Ozone

By - Ekamjot
VIII- E

ART ZONE

