

THE YOUTH VOICE

NEWS FOR THE YOUTH BY THE YOUTH



The Youth Voice is a monthly newsletter designed for middle and high school students.

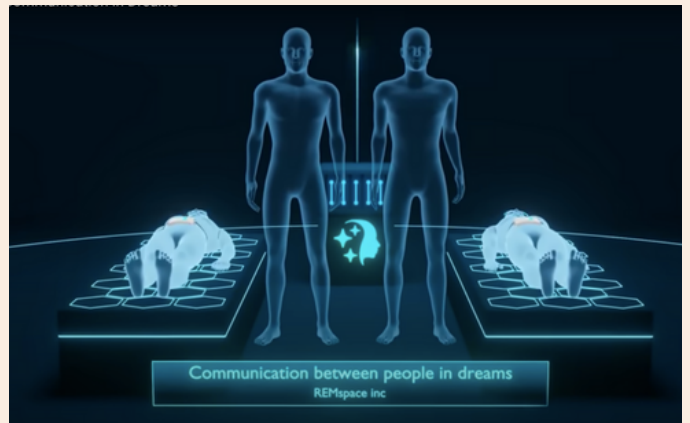
Created by a group of enthusiastic students from GD Goenka Public School Vasant Kunj, New Delhi with a mission to make the world a peaceful and informed place

WHAT'S MAKING NEWS?



PLANE CRASH IN KAZAKHSTAN

Recently, A passenger plane carrying 67 people, traveling from Baku, Azerbaijan, to Grozny, Russia, crashed on Wednesday on the shore of the Caspian Sea near Aktau in Kazakhstan. Thirty-eight passengers died but 29 passengers and crew members survived. Most of the plane's fuselage was severely burned. It was a horrifying event leading to the death of many people. Investigators from Azerbaijan, Kazakhstan and Russia have opened criminal inquiries to determine what caused the crash.



People Chat in Their Dreams for the First Time!

A big breakthrough just happened! Scientists at REMspace, in California, helped two people talk to each other while they were asleep! Here's how: The first person fell into a lucid dream (where you know you're dreaming) and heard a made-up word sent by the researchers. They repeated it in their dream. Later, the second person entered a lucid dream and heard the same word. When they woke up, they remembered it! This is the first-ever dream conversation between people, and it could change how we understand dreams! Watch the experiment [here](#).

MENTAL HEALTH : MODERN WORLD'S GROWING CONCERN

Written by Author: Vedika Jain

Everyday we see one out of every three people complaining about their health being disturbed and the most prominent reason for it is mental health. Our well being depends upon us being physically as well as mentally fit. The definition of mental health can be different. It varies from person to person. For me, it can be comfortable and happy in the environment that I live but for others it can be something else. The basic definition can be emotional, psychological, and social well-being. If mentally we feel disturbed, it affects our whole system. It can totally change the way we take stress, relate to others and make choices. The main key aspects of mental health are emotional well-being, psychological well-being and social well-being.

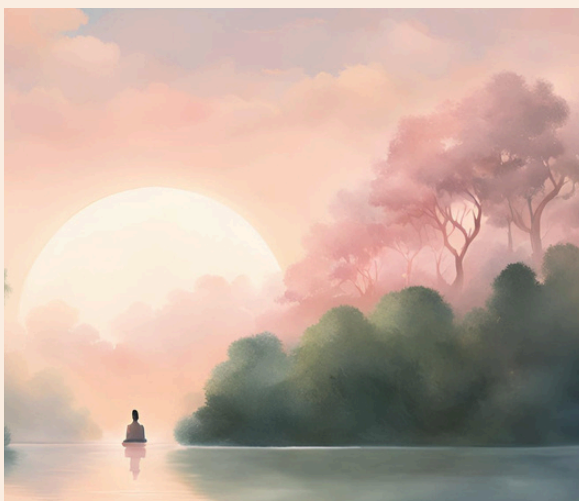
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“It is during our darkest moments that we must focus to see the light.”

— *Aristotle*
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People feel too ashamed to talk about the problems. But that's not the case, it is necessary to find someone to talk to and vent out all our problems that always makes you feel better. Some think mental asylums or rushing over to doctors and taking pills can treat you but it's actually the opposite. Taking pills can give you relief for a short span of time but cannot solve your inner problems. This problem is becoming more prominent every year, being most common among teenagers.

The 21st century has witnessed a rapid growth of technology particularly in telecommunications. As the teens get attracted to the new devices just launched in the market, they get forced into this loop ultimately buying it. This makes them vulnerable to get involved in watching a lot of content online on Handphones, leading to frustration and over expectations. Peer to peer pressure is building up on each other with no real friends. You may have hundreds of friends online but do you really have a friend you can depend upon? This loneliness in turn builds anger and ultimately leads to depression.

Overall, good mental health is essential for overall well-being, impacting everything from physical health to relationships and productivity. It's important to recognise that mental health can fluctuate over time and is influenced by various factors, including genetics, environment, and life experiences.



ADVANCED AIR MOBILITY (AAM)- THE FUTURE OF SUSTAINABLE AND ACCESSIBLE AIR TRANSPORTATION

Written by Author: Ayaan Jain

When we talk about aircraft, we think about large aeroplanes travelling great distances at high speeds. Even if we imagine flying cars, the vision of vehicles with wings attached to their roofs and sides appears. Traditional Aeroplanes face limitations as they are not efficient and cannot land in remote villages. Also, these aeroplanes built in conventional ways with no modern technological upgrades struggle to reach smaller, less accessible locations. As a result, NASA is working steadily towards transformation in the transportation system and has created an updated version of aircraft known as Advanced Air Mobility (AAM). This new category of aircraft includes innovations such as Quadcopters and Unmanned Aerial Vehicles.

These transportation systems make quite a difference as they provide us with a safe, automated, and affordable means of transportation that is easy to fly and land in both urban and rural settings. They reduce pollution and travel time, enable fast medical assistance, and improve sustainability by utilising alternative and renewable sources of energy, which results in lower emissions when compared to other aircraft. Additionally, they expand access to goods and other services.

It has a vision of providing us all with a safe, fast and efficient transportation experience and is rapidly adapting to this new era. To bring this vision to life, NASA is working on the development of flying taxis, including aircraft types like quadcopters.

In conclusion, the work being done by NASA and engineers around the world to develop AAM is not just about creating new types of aircraft; it is about rethinking how we move, connect, and interact in our daily lives.

I would like to extend my gratitude to the engineers and, of course, NASA which is working so hard to provide us with better locomotive facilities. With that, I would like to conclude my research here.

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NASA is playing a critical role in the development and advancement of AAM.
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ETHICAL ARCHITECTURES IN ARTIFICIAL INTELLIGENCE: REDEFINING DATA TRANSPARENCY AND ACCOUNTABILITY

Written by Author: Ania Mir

The rise in the use of artificial intelligence systems to facilitate our online interactions has led to central concerns of ethical implications associated with the acquisition and usage of data. This study addresses ethical dilemmas concerning digital privacy and offers an all-encompassing framework that will ensure transparency in AI-enabled data tracking systems. The work also explores the creative opportunities that platforms like Datascope offer in providing practical knowledge about a person's digital footprint while developing ethical principles within technological environments.

The rapid growth of AI analytics has revolutionized the way one makes data-driven decisions, but this has also brought users to unprecedented data commodification, where their private information is being collected without explicit permission.

Such opaque tracking practices erode trust and compromise individual autonomy, thereby giving rise to ethical dilemmas. Translating transparency in data collection into practice is no longer just a technical detail; it has been an ethical cornerstone of governance in AI. Research indicates a notable discrepancy between the concerns users harbor regarding privacy and their comprehension of tracking technologies, including cookies, web beacons, and fingerprinting. Although privacy policies and consent mechanisms are widely accessible, the presence of jargon-laden disclosures frequently conceals the ramifications of data utilization. With the automation of decision-making processes by AI systems, the absence of transparent accountability measures exacerbates this problem. The main conclusions drawn from the Datascope survey are that more than 80% of the respondents value online privacy, but many people do not know about advanced tracking methods. This gap underlines the urgent need for tools that not only detect tracking practices but also explain their implications in an understandable manner.

Datascope is a cutting-edge web-based platform designed to address these deficiencies. It utilizes AI and web scraping technologies to provide real-time insights into tracking practices while encouraging informed digital behaviors.

Unlike traditional privacy tools that focus on prevention, Datascope puts user education at its core. Its architecture is built to scale, allowing it to adapt easily to global privacy regulations such as the GDPR and India's DPDP Act.

Core Features of Datascope:

- Real-time Tracking Analysis: Utilizes AI algorithms to identify cookies, third-party scripts, and fingerprinting mechanisms.

- Educational Modules: Provides simplified explanations of complex tracking methods tailored for diverse user demographics.

- Customizable Privacy

Recommendations: Offers adaptive suggestions to help align user preferences with robust privacy practices.

Datascope is a classic example of how the power of ethical AI applications can transform the world towards greater transparency and accountability.

Adoption in schools and corporate settings will usher in a generation of privacy literate individuals who will be able to challenge exploitative data practices. Industry-wide reforms may be initiated and transparency will become the new industry standard.

Apart from addressing challenges towards a more privacy-aware digital future, Datascope also promotes data literacy and accountability.

THE TRAGEDY OF GETTING STUCK IN SPACE

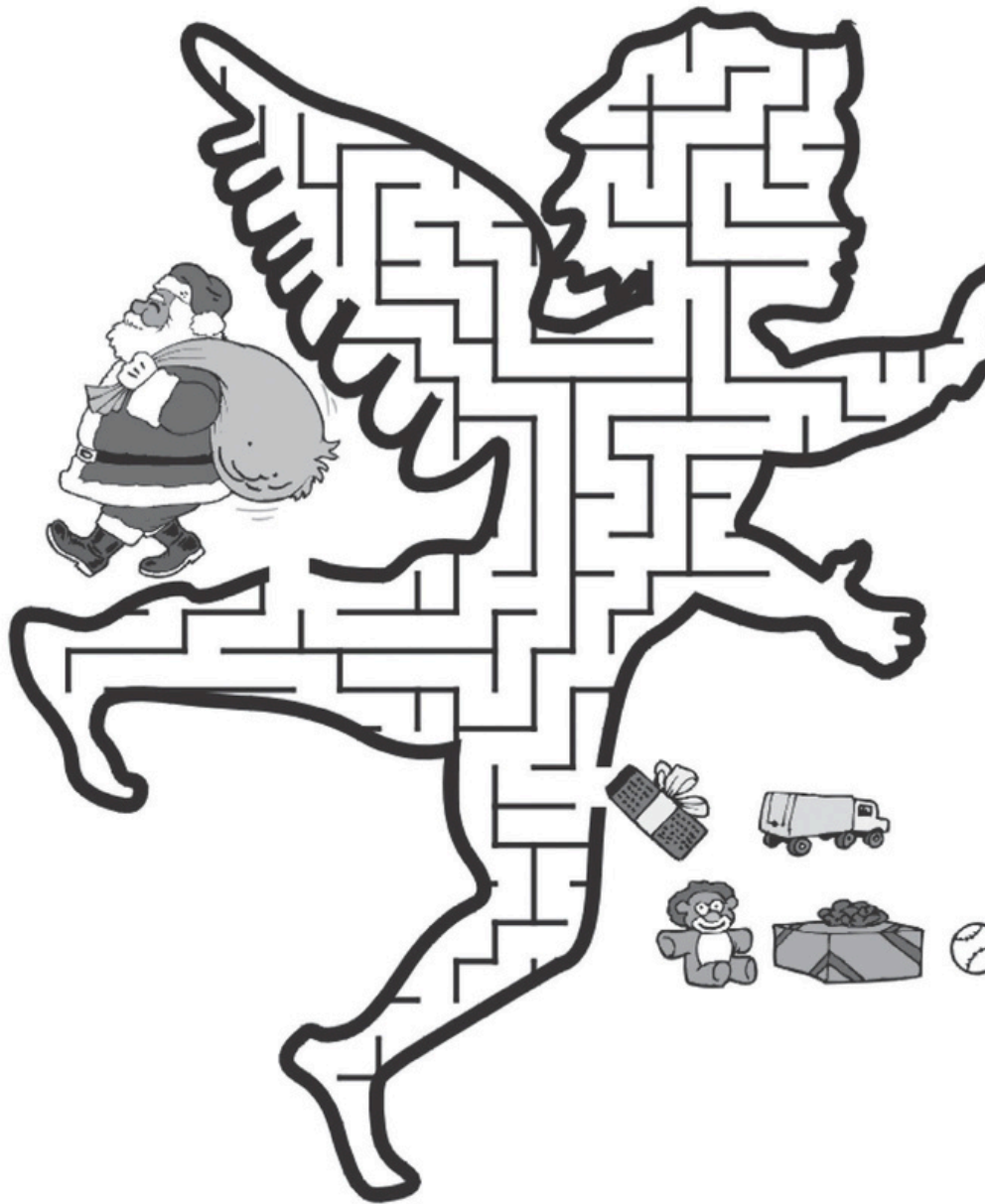
Written by Author: Vedika Jain



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As per reports, they will not be returned by Starliner and will be aboard SpaceX's Crew Dragon and are expected to return by February 2025.
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Who wouldn't want to explore space? Most people would as it seems fascinating to learn about stars, galaxies, nebulae, black holes and many other secrets that lie out there. But despite its beauty, it's not very hospitable to humans, and imagine the tragedy of being stuck in such a place. In light of recent weeks, two NASA astronauts, Sunita Williams and Butch Wilmore, were aboard Boeing's Starliner capsule for a week's long expedition when it turned into an eight-month ordeal making the astronauts get stuck in the space shuttle for a very long time. The reason behind this tragedy were some major technical issues with the spacecraft. As per reports they will not be returned by Starliner and will be aboard SpaceX's Crew Dragon and are expected to return by February 2025. But as the mission period has increased the supply of oxygen and water is critical. As a result, NASA is regularly conducting resupply missions for delivering fuel, additional food items, water and oxygen for the survival of astronauts. In spite of these problems, one of the most prominent issues is the effect of this long stay on their bodies. These prolonged space visits further accelerated the destruction of Red- Blood Cells. This condition is called Hemolysis which can pose health problems like Anemia. The continuous feeling of weightlessness can also lead to further health risks. In order to combat the aftereffects of weightlessness the astronauts engage in rigorous training and exercise using Advanced Resistive Exercise Device (ARED). These devices help to stimulate weightlifting that helps to maintain muscle and bone health. As we watch the story unfold, let's hope for a safe return for both the astronauts to Earth.

Mazemania



A FUN FACT

2025 IS A SPECIAL YEAR

The year 2025 is indeed a mathematical marvel!

- It is a perfect square of 45.
 $45 \times 45 = 2025$
- It can be denoted as the sum of 3 squares
 $40^2 + 20^2 + 5^2 = 2025$
- It can be denoted as the product of 2 perfect squares
 $9^2 \times 5^2 = 2025$
- It is the first square year after 1936.

<http://www.printactivities.com>

Solve the maze and send solutions at jainvedika2910@gmail.com

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WE ARE ACTIVELY SEEKING COAUTHORS TO CONTRIBUTE TO THE NEWSLETTER

IF YOU ARE INTERESTED PLEASE CONTACT US AT
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