

The Brahm Dutt Blue Bells Public School Bulletin Abhivyakti

Of the Students, By the Students, For the Students

Issue-1 November and December 2024

BDBBPS Shines At Global Sustainability

The school has achieved significant recognition at the Global Sustainability Awards. The school itself was awarded 'PEWTER' in the Collaboration and Innovation category. Furthermore, six student projects garnered accolades: Gold for 'Sense Smart' (SDG 10) by Neerav Panwar and Chirag Sharma (Class XII) and 'Bamborelle' (SDG 12) by Dhruv Bahri, Gauri, and Bhavya Jha (Class XII); Silver for 'EmpowerEd' (SDG 4) by Khushi Sharma, Sudiksha Iha, and Zesay Angmo (Class XII) and 'Pothole Detector and Filler' (SDG 9) by Saksham Pandita (Class X); Pewter for 'Auto Cleaning Mode in AC' (SDG 9) by Prisha Bhatia and Poorvi (Class X); and a Junior award for 'Smart Medicine Dispenser' (SDG 9) by Arihant Rao (Class VII). These achievements underscore BDBBPS' dedication to fostering a sustainable future through innovative student projects.



Cybertronix 2024, hosted by the school on November 16, 2024, was a grand celebration of technology and sustainability. With the theme 'Tech for Sustainable Future: Innovate, Integrate, Create', the event showcased the creative and technical prowess of students from 18 schools across Delhi-NCR. The event was conceptualised and executed under the guidance of Ms. Anshuka Aneja, Deputy Director, IT, whose vision and leadership ensured its success. The presence of Dr. Ajai Chowdhry, Co-founder, HCL, as the esteemed Chief Guest, added immense value to the occasion. His inspiring address motivated students to leverage technology responsibly for a sustainable future. The Closing Ceremony of the event was also graced by Dr. Saroj Suman Gualti, esteemed Director, Blue Bells Group of Schools. Ma'am congratulated the winners and extended her best wishes to all the participating schools. Participants competed in fourteen online and offline events, displaying remarkable skills in coding, design thinking, and problem-solving. Cybertronix 2024 reaffirmed the school's commitment to fostering technological innovation, digital literacy, and environmental consciousness among future leaders.







Cybertronix 2024 - The Mega Inter-School IT Fest Hosted By

BDBBPS

Genesis – Health & Wellness Fiesta

In a bid to nurture a safe, respectful, and inclusive school environment, Health & Wellness Team, of Brahm Dutt Blue Bells Public School took a pioneering step by organizing Genesis - Health & Wellness Fiesta, an intraschool mega life skills event powered by Adept - A Program for Enhancing Life Skills, in collaboration with wellnesswise.in, on December 12, 2024. Under the esteemed mentorship of Dr. Alka Saxena, Deputy Director (Health & Wellness), BBGS, this initiative aims to empower the younger generation to unite against bullying. The event was aligned with World Mental Health Day 2024, and the students presented their symposium on the topic "Don't Stand By, Stand Up, Stand Together: Let's Unite to Stop Bullying and Create a Safe and Welcoming Environment for All."



Annual Athletic Meet - SPARDHA 2024

The school witnessed an exhilarating and memorable day as it hosted its much-anticipated Annual Athletic Meet for the students of Classes VI to XII, SPARDHA 2024, on the 30th of November 2024. The event was held on the school grounds and showcased the athletic talents, teamwork, and sportsmanship of its students. The event commenced with the arrival of the esteemed Chief Guest, Air Vice Marshal R.K. Khatri, whose illustrious career, and dedication to the nation inspired everyone present. He was accorded a grand welcome by the school management, staff, and students. The event also witnessed the presence of Dr. Saroj Suman Gulati, honourable Director, Blue Bells Group of Schools who congratulated the students and declared the event open. The ceremonial lighting of the torch and a splendid march-past by the students set the tone for the day. AVM Khatri, in his address, commended the school for its efforts in promoting holistic education and encouraged the students to embrace the values of discipline, resilience, and teamwork. The day featured a variety of events, including sprints, relay races, obstacle courses, and team games. The parents also enjoyed being a part of fun games like tug-of-war, crafted especially for them. CV Raman House was announced as the overall champion house amid loud cheers, and the sports meet ended with the singing of the National Anthem. SPARDHA 2024 was a resounding success.



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Regular Updates



National & International News

The BDBB Bulletin

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India to Create World's Largest Museum on Raisina Hill



India's iconic North and South Blocks will be transformed into the Yuga Yugeen Bharat National Museum, the world's largest museum, spanning 1.17 lakh sqm and showcasing 5,000 years of history.

The project, in collaboration with France Museums Développement, will feature digital narratives, VR installations, and interactive displays. Culture Minister Gajendra Singh Shekhawat highlighted its aim to preserve architectural heritage while setting global benchmarks for cultural institutions.

External Affairs Minister S. Jaishankar called the initiative a cornerstone of India's cultural soft power and a symbol of its strategic partnership with France. Mapping work is nearing completion, with the museum poised to become a major global attraction.

India to Launch Quantum Satellite Under National Quantum Mission



India is set to launch its first quantum satellite in 2-3 years as part of the ₹6,000 crore National Quantum Mission (NQM). This initiative aims to enhance secure communication and sensing systems. Quantum satellites use quantum cryptography to detect eavesdropping attempts, ensuring ultra-secure communication.

India plans to deploy a satellite-based quantum key distribution (QKD) system with a 500 km range, using the Indian Astronomical Observatory in Ladakh for its clear skies. While China leads with three operational quantum satellites, India's entry is poised to make a significant impact.

Challenges include high infrastructure costs and potential risks like denial-of-service attacks, but experts suggest combining quantum cryptography with post-quantum cryptography to further strengthen security. India's move promises to position it as a global leader in quantum technology.

Russia Claims Breakthrough with First Cancer Vaccine, Promises Free Distribution



North Pole Shifting Toward Siberia



The magnetic North Pole is shifting towards Siberia, and it could affect smartphone navigation systems. The latest update to the World Magnetic Model (WWM) predicts this shift will continue into 2025. Unlike fixed "true north," magnetic north aligns with Earth's magnetic field and moves over time. Since 2019, the magnetic pole has shifted 110 miles at a rate of 22 miles per year. This shift can cause navigation errors, as even small misalignments in the magnetic field can lead to significant mistakes in location. The WWM, updated every five years, helps devices like smartphones adjust to these changes by combining GPS and magnetic field data. Experts believe this movement is due to disturbances in Earth's molten core, with two large magnetic flux blobs beneath Canada and Siberia causing the pole to shift. If the trend continues, the magnetic pole could move another 240-410 miles by 2030. Frequent updates to the WWM may be needed to maintain accurate navigation.

Russia has claimed to have developed the world's first cancer vaccine, designed to treat all types of cancer tumors. According to Russian officials, preclinical trials show the vaccine successfully activates the immune system to destroy cancer cells before they can spread. The vaccine uses mRNA technology, which instructs the body's cells to produce proteins associated with cancer cells, prompting the immune system to target and eliminate them. However, experts caution that the vaccine has not yet undergone human trials, and further testing is needed to assess its effectiveness.

Dr. Mohammed Taher Mithi, a surgical oncologist in Mumbai, emphasized that the vaccine is meant to treat existing cancer, not prevent it. While the concept is promising, the success of this vaccine remains uncertain until more data is available.

Russian officials also claim that the vaccine will be distributed for free, and advancements in artificial neural networks could speed up its personalized development. However, its true impact will only be determined after extensive human trials.

School News

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BDBBPS Shines Bright In Roll Ball Championship 2024

With great elation, we celebrate the outstanding achievement of Gulmaaira Sharda, a shining star of Grade IV at the school. Gulmaaira emerged victorious, securing the coveted 1st Position at the prestigious Roll Ball Championship 2024,



held from December 13 to 15, 2024, at the Parade Ground, Dehradun. The championship witnessed fierce competition from talented players across the region, yet Gulmaaira's determination, agility, and strategic gameplay set her apart, earning her a welldeserved triumph. We are incredibly proud of her journey and wish her continued success in all her future endeavors.

Empowering Peer Educators: Standing Up to Bullying Through Awareness and Peer Educator Workshop on Anti-Bullying

"One person can make a difference, and everyone should try." – John F. Kennedy The Health & Wellness Programme, under the flagship of Dr. Alka Saxena, Deputy Director (Health & Wellness), BBGS, established the **Peer Educator Programme** to foster a sense of community and



belonging among students by promoting a positive attitude toward bullying prevention, mental health, and overall well-being. The third session of the workshop, titled **"Draw the Line: Stand Up to Bullying**," was conducted for the Peer Educators of BBGS on December 5, 2024, at BDBBPS, Sector 10, Gurugram. The primary objective of the workshop was to educate Peer Educators about the effects of bullying and its impact on individuals. The Resource Center team focused on equipping the Peer Educators with various strategies to build their confidence and empower them to stand up to bullying effectively.

Goohika Joshi Bags Top Ranks In Law Entrance Exams Making The School Proud

Goohika Joshi has achieved remarkable success in the highly competitive law entrance exams. She secured an impressive All India Rank 30 in the AILET exam, earning her a coveted seat at the prestigious National Law University Delhi .



Her exceptional performance extended to the CLAT exam, where she achieved AIR 411 and received offers from NLU Jodhpur and NLU Gandhinagar. This outstanding achievement reflects Goohika's unwavering dedication and academic excellence. We congratulate her and wish her the very best for her future endeavors in the legal field.

Understanding Puberty: A New Chapter In Life

The Health & Wellness Programme under ADEPT - A Program for Enhancing Life Skills, Powered by Wellnesswise.in conducts sessions on Understanding Puberty every year with girls of Grades IV & V in BBGS. Life Skills Facilitators, Ms Sapna Sinha, and Ms Prerna Karkhanis conducted the session under the guidance of Dr. Alka Saxena, Deputy Director, (Health & Wellness) BBGS for Grade IV girls from October to November 2024.





BDBBPS Students Triumph Mi-Me Event



We are elated to share that the students of the school have excelled in the Multiple Intelligences & Me (MI-Me) event held on November 29, 2024 at Suncity School.In Group 1 (Grades X & XI), Paras Luthra won the second prize in the Design Thinking category. In Group 2 (Grades VIII & IX), Avani Puri also secured the second prize in the Making Connections category. In Group 3 (Grades VI & VII), Bhavika Sharma proudly earned the first prize in the same category. Furthermore, in the ACE Category, Saisha Kapoor was awarded the third prize. We extend our heartfelt appreciation to all the students for their remarkable dedication, creativity, and hard work, and we congratulate them on their outstanding performances. 'Great Performances Are Born Out Of Passion, Perseverance, And The Will To Excel.'



The students of Grades III-V brought laurels to the school by securing the Second Position

Blue Bellian Brings Laurels To The School!



We are pleased to share that Arvan Tyagi of Class XI-C has been selected to represent the UPCA Under-16 cricket team in the Vijay Merchant Trophy being held in Gwalior.Aryan showcased exceptional performance during the Meerut district cricket trials, where he bowled economically and took crucial wickets. His impressive performance earned him a spot in the Meerut district team, where he took a remarkable five-wicket haul in the interdistrict matches.Following this, Aryan was selected for the zonal team. After excelling in the zonal trials and subsequent matches held in Kanpur, he was shortlisted for the state camp. His consistent efforts and outstanding performance have now culminated in his selection the UPCA for Under-16 cricket team.

in the Inter-School Dance Competition, 'Sway and Sync, organized by Hindustan Times. The event, hosted at KIIT World School, Sohna Road, Gurugram, was part of the Lit Fest celebrating 100 years of Hindustan Times. The young performers gave a vibrant and captivating dance performance on the theme 'Bringing History Alive' which was inspired by significant historical events. Through their synchronized moves, expressive storytelling, and carefully crafted choreography, the students brought history to life on stage. Their presentation received high praise from the judges, who appreciated not only their flawless execution but also the spirit of dedication they exhibited.

Specials

Cyber Hygiene Corner: Staying Safe from Cyberbullying

In today's digital age, social media has brought us closer but has also opened doors to challenges like cyberbullying. It's essential to protect yourself and others from online harassment. Here's how:

What is Cyberbullying?

Cyberbullying involves using digital platforms to intimidate, threaten, or embarrass someone. It can happen through hurtful comments, spreading false rumors, or sharing private information without consent.

Tips to Stay Safe from Cyberbullying:

1. Control Your Privacy:

Adjust your social media settings to ensure only trusted friends can view your posts. Avoid sharing personal information publicly.

2. Think Before You Post:

Anything shared online can be used against you. Avoid posting anything sensitive or controversial.

3. Block and Report:

If someone is bullying you, don't engage. Block them and report their behavior to the platform. Most platforms have tools to address cyberbullying. 4. Keep Evidence:

Save screenshots or messages as proof. This can help if you need to report the incident to parents, teachers, or authorities.

5. Be Kind Online:

Treat others with respect and empathy. Encourage friends to do the same.

What to Do if You're a Victim?

Speak up. Tell a trusted adult, teacher, or school counselor. Ignoring cyberbullying can make it worse, but taking action ensures a safer environment. Remember, social media should be a space for positivity and connection. Let's work together to make it safe for everyone!

Package Frozen Puff Pastry Recipe

Procedure:

Preheat the oven to 375 degrees F (190 degrees C).

Line a baking sheet with parchment paper.



Roll out one puff pastry sheet into a large rectangle on a lightly floured surface and place on the prepared baking sheet.

Lightly score puff pastry into the shape of a Christmas tree (triangle) with a wide base. Spread chocolatehazelnut spread over the triangle in a thin layer with the back of a spoon.

Roll out the second sheet of puff pastry to a large rectangle and place on top of the first one. Carefully trace the shape of the chocolate-covered triangle underneath and cut out the Christmas tree shape and the trunk. Pull away excess pastry.

Test Your Knowledge: GK Corner

1)Which of the three banks will be merged with the other two to create India's third-largest bank?

A)Punjab National Bank

B) Indian Bank

C)Bank of Baroda

D) Dena Bank

2)What is the name of the weak zone of the earth's crust?

A) Seismic

B)Cosmic

C)Formic

D) Anaemic

3) Where was India's first national Museum opened?

A) Delhi

B)Hyderabad

Lightly score 2 lines down the middle of the triangle to form a tree trunk that is narrower at the top and gets wider towards the base. Using the trunk as a guide, cut branches into the sides of the triangle.

Twist the branches away from you, trying to get in 2 turns on the lower branches. Continue moving up the tree, twisting away from you as you go.

Cut a small star out of the excess pastry; place it on top of the tree. Brush the star and the whole tree with beaten egg.

Bake in the preheated oven until puffy and golden brown, 12 to 15 minutes. Cool slightly, about 5 minutes. Slide onto a serving plate, using a piece of parchment paper if needed.

C) Rajasthan

D) Mumbai

4)In 2019, Which popular singer was awarded the Bharat Ratna award?

A)Lata Mangeshkar

B)Asha Bhosle

C) Bhupen Hazarika

D) Manna Dey

Answers 1.(B) 2.(A) 3.(D) 4.(C)

The Spirit of Christmas and New Year: A Celebration of Hope, Renewal, and New Beginnings

Christmas, celebrated on December 25th, marks the birth of Jesus Christ and is one of the most widely celebrated holidays around the world. The holiday holds deep significance for Christians, symbolizing love, peace, joy, and the spirit of giving. It is a time for family gatherings, the exchange of gifts, and reflection on the virtues of compassion and kindness that Jesus Christ embodied. In Christian traditions, Christmas represents hope and renewal, a message that transcends religious boundaries and resonates with people worldwide.



In India, Christmas holds special cultural and spiritual significance, even among non-Christians. As a multireligious country with a rich diversity of beliefs, Christmas is celebrated by millions of people across India. Churches are beautifully decorated, and festive lights adorn streets in many cities. People of all faiths take part in the celebration, spreading joy through acts of kindness and charity, which are core elements of the holiday.

In Indian culture, Christmas blends with traditional customs. Many people exchange "Merry Christmas" wishes, a greeting that signifies warmth and goodwill. Additionally, the concept of "Seva" (service to others) aligns closely with Christmas values, encouraging individuals to extend a helping hand to those in need. The festival also brings communities together, fostering unity and harmony through shared celebrations. Christmas, in the Indian context, is not only a religious occasion but a time to promote values like peace, compassion, and brotherhood, making it a cherished celebration for all.

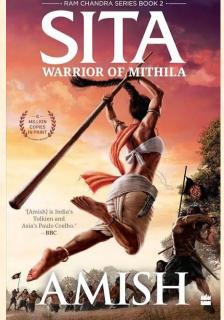
As we embrace the joy of Christmas, we also look forward to the New Year—an opportunity for new beginnings. It symbolizes fresh hope, new possibilities, and the chance to start afresh. May the New Year bring you health, happiness, and success. Merry Christmas and a Happy New Year to you and your loved ones! May this season bring warmth, blessings, and a renewed sense of kindness, joy, and togetherness into the coming year.

Anil Bhardwaj PGT English

BDBBPS

SITA: Warrior Of Mithila By-Dishita Sharma , IX-C

Sita: Warrior of Mithila is a refreshing reimagining of the Ramayana. This time, the spotlight isn't solely on Lord Ram, but on Sita, who is portrayed as a strong and independent woman.



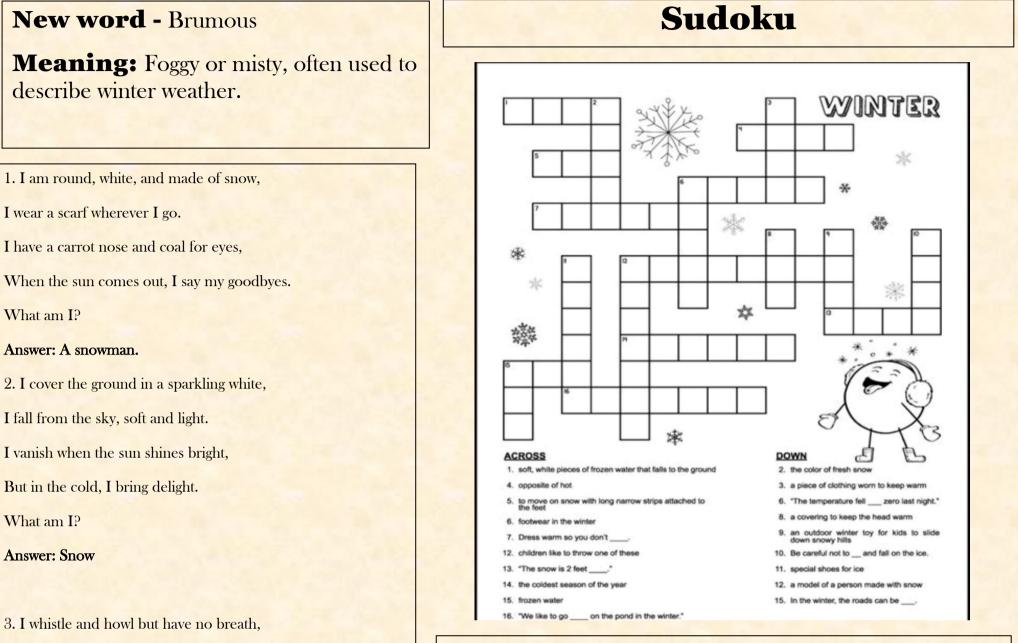
The story beautifully captures Sita's journey from an abandoned child to a skilled warrior and a wise leader.

Readers will be captivated by her courage, intelligence, and compassion as she faces trials and tribulations. Amish masterfully weaves a tale of female empowerment, highlighting Sita's strength and resilience in a patriarchal society.

The book is filled with action-packed sequences, political intrigue, and mythological elements that will keep you hooked until the very end. Sita: Warrior of Mithila is a must-read for those who enjoy mythological retellings with a modern twist. It's a celebration of feminine power and a reminder that women can be both warriors and leaders.

Creative Corner -**Binter's** Beauty

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POPULAR WINTER MYTHS AROUND THE WORLD

1. The Snow Maiden (Russia)

Myth: In Russian folklore, Snegurochka, the Snow Maiden, is a magical girl made of snow who comes to life.

Explanation: She is often depicted as the granddaughter of Ded Moroz (Father Frost) and helps him deliver gifts during the winter. Some versions say she melts when she experiences love, symbolizing the fleeting nature of winter.

2. Cailleach, the Winter Witch (Scotland)

Myth: Cailleach is a mythical hag who controls winter's harsh weather.

Explanation: Known as the "Veiled One," she brings storms and snow, shaping the landscape with her staff. When spring arrives, she turns into stone, allowing warmth to return.

I wear a scarf wherever I go.

I have a carrot nose and coal for eyes,

When the sun comes out, I say my goodbyes.

What am I?

2. I cover the ground in a sparkling white,

I fall from the sky, soft and light.

I vanish when the sun shines bright,

But in the cold, I bring delight.

What am I?

Answer: Snow

3. I whistle and howl but have no breath,

I can make you shiver and steal your warmth to death.

You can't see me, but you know I'm there,

I'm the winter's whisper in the frosty air.

What am I?

Answer: The wind



3. Jack Frost (England/Northern Europe)

Myth: Jack Frost is a mischievous spirit who personifies winter's chill.

Explanation: He is said to create frost patterns on windows and nip at people's noses and fingers, embodying the playful yet biting nature of winter.

4. Perchta, the Christmas Witch (Germany/Austria)

Myth: Perchta is a dual-natured winter goddess who rewards or punishes based on behavior.

Explanation: In Alpine folklore, she brings gifts to the good and punishes the lazy, symbolizing the moral lessons associated with winter celebrations.

Creative Corner -Winter's Beauty

The Gift of Kindness

Once upon a time in a small snowy village, there lived a young girl named Clara. Every winter, Clara eagerly awaited Christmas, not for the joy of giving, but for the gifts she would receive. This year, she wrote a long letter to Santa Claus, asking for toys, dresses, and chocolates.

On Christmas Eve, Clara placed her letter by the window and went to bed, dreaming of the presents she'd find in the morning. That night, she heard a soft knock at the door. Curious, she tiptoed out of her room and opened the door to find a boy, about her age, shivering in the cold.

"I'm lost," the boy said. "I was looking for my way home and got stuck in the snow."

Clara hesitated. Her warm house was filled with decorations and treats, but she didn't want to share. However, she remembered her mother's words: "Kindness is the best gift you can give."

She invited the boy in, gave him a blanket, and shared her cookies and hot cocoa. The boy smiled, his face lighting up with warmth and gratitude. "Thank you," he said, "I'll never forget your kindness."

The next morning, Clara woke up to find a single note under the Christmas tree. It was from Santa, and it read:

"Dear Clara,

Your act of kindness last night was the greatest gift of all. You've learned the true spirit of Christmas. Here's something special for your generous heart."

Beside the note was a small box containing a golden locket shaped like a heart. Inside, it read, "Kindness makes the world brighter."

From that day on, Clara realized that the best gifts aren't the ones we receive but the joy we bring to others.

Moral: The true spirit of Christmas lies in giving and kindness, not in material gifts.

The Symphony of Winter

Winter has a unique melody, one that speaks to the heart. It begins with the soft patter of snowflakes landing gently on rooftops and bare branches. The wind hums through the trees, carrying stories from far-off lands. Even the crunch of snow underfoot adds to the symphony, a rhythmic accompaniment to the serene silence of winter mornings. The sun, though distant, casts long, golden shadows that dance across the snow. Frosty breath forms clouds in the air, and the smell of pine and woodsmoke lingers, a scent as comforting as a warm embrace. Winter's beauty lies not only in its sights but in the emotions it stirs, a gentle reminder to find joy in stillness.

-John Greenleaf Winter











Sports News

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D. Gukesh: India's Chess Prodigy Triumphs

D. Gukesh, the young Indian chess sensation, achieved a historic victory, defeating World Champion Ding Liren. In a dramatic game, Gukesh's calm demeanor and fearless strategies, traits of post-2000 chess players, stood out. His emotional yet poised reaction after clinching the game showcased his maturity and sportsmanship. Guided by five-time champion Viswanathan Anand and supported by India's robust chess ecosystem, Gukesh's win highlights the nation's chess supremacy. With 85 Grandmasters and a strong grassroots system, India's rise in chess feels inevitable. Gukesh's journey reflects dedication, parental support, and national pride. Heralded as "Person of the Year," his triumph cements his legacy in a sport played by millions worldwide.



Oleksandr Usyk Defeats Tyson Fury in Heavyweight Rematch

In a highly anticipated rematch, Ukraine's Oleksandr Usyk triumphed over Britain's Tyson Fury by unanimous decision, solidifying his status as a dominant force in heavyweight boxing. The bout, held at a sold-out venue, showcased Usyk's superior technique and strategic prowess, as he outmaneuvered Fury over twelve intense rounds. Usyk's victory not only reaffirmed his position atop the heavyweight division but also highlighted his exceptional adaptability and skill, transitioning seamlessly from cruiserweight to dominate the heavyweight scene. His disciplined training regimen and unwavering focus were evident throughout the match, earning him accolades from boxing enthusiasts worldwide. This win has further invigorated the global boxing community, sparking discussions about potential future matchups and the evolving dynamics of the heavyweight category. Usyk's ascent serves as an inspiration to aspiring athletes, exemplifying the rewards of dedication and strategic excellence in sports.



The Team that Made the BDBB Bulletin Happen!

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Neeraj Chopra: India's Javelin Star Triumphs Again

Neeraj Chopra made history by clinching gold at the Diamond League Final in Eugene, USA, with an impressive 88.44meter throw. The Olympic champion showcased remarkable consistency and composure, reaffirming his dominance on the global stage. Chopra's journey of hard work and resilience has inspired millions, supported by world-class coaching and India's evolving sports ecosystem. This victory made him the first Indian to win back-to-back Diamond League titles, cementing his legacy in athletics. His achievements have sparked increased interest in track and field in India, motivating a new generation of athletes to aim for excellence. Chopra's story is one of perseverance, national pride, and an unwavering drive to succeed.

See Pou in the Next Issue!