



The 7th March Speech of Bangabandhu, or the 7/3 Speech, was a public speech given by Sheikh Mujibur Rahman, the Founding Father of Bangladesh on 7 March 1971 at the Ramna Race Course (now Suhrawardy Udyan) in Dhaka to a gathering of over two million (2,000,000) people



“To be successful in life what you need is education, not degrees.”
- Munshi Premchand

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CHRONICLES OF TIME: TRACING THE PATH OF CALENDARS THROUGH HISTORY



Rishika Kukrety

The calendar, like a magical compass, has guided humanity through ages, marking seasons, celebrations, and tasks. From the ancient days of the Sumerians and Egyptians, calendars have transformed from simple lunar trackers to sophisticated systems.

JULIUS CAESAR'S REFORM:

Picture this: Ancient Rome, Julius Caesar strides in with a grand plan. In 45 BCE, he introduces the Julian calendar, a revolutionary system with 365.25 days per solar year and leap years. Fast forward to 1582, Pope Gregory XIII refines it into the globally adored Gregorian calendar.

MODERN MARVELS

In today's bustling world, calendars are our trusty sidekicks. They help us juggle daily routines, plan adventures, and set goals. Businesses and schools rely on them for smooth operations, making sure meetings, exams, and vacations fall into perfect harmony.

CULTURAL TREASURES

Beyond schedules, calendars hold stories of culture and faith. Picture vibrant festivals and sacred ritu-

als, all intricately woven into the fabric of time. Whether it's the Islamic lunar calendar or the Jewish blend of lunar and solar, each system adds rich layers to our shared human experience.

DIGITAL REVOLUTION

Enter the digital age, where calendars become sleek, smart, and oh-so-convenient. With apps syncing seamlessly across devices, reminders popping up like friendly nudges, and endless customisation options, organising our lives has never been easier.

PAPER MAGIC

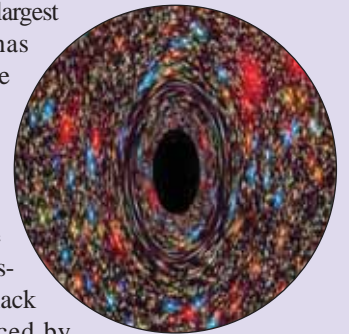
But wait, there's something special about the rustle of paper and the stroke of a pen. Traditional paper calendars, adorned with colourful images and personal notes, hold a nostalgic charm. They're not just tools; they're keepsakes, capturing memories and moments in time.

TIME'S ETERNAL GUIDE

The calendar, a marvel of human ingenuity, is more than just a tool; it's a reflection of our quest for order in the chaos of existence. From ancient beginnings to modern marvels, calendars have stood the test of time, guiding us through the ebb and flow of life

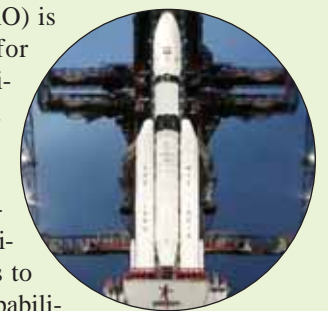
JWST DISCOVERS FARTHEST SUPERMASSIVE BLACK HOLE

The James Webb Space Telescope (JWST), the world's largest space telescope, has detected a supermassive black hole in the GN-z11 galaxy, existing when the Universe was approximately 430 million years old. This discovery marks the identification of the most distant active supermassive black hole to date, as announced by NASA. Alongside this groundbreaking finding, JWST also provided evidence of Population III stars, the Universe's first generation of stars. The detection of these stars adds to our understanding of the early stages of cosmic evolution.



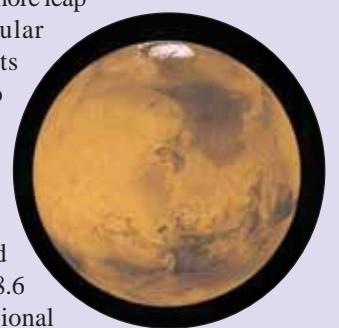
CHANDRAYAAN-4: TWO-PHASE LAUNCH PLANNED FOR MOON MISSION

The Indian Space Research Organisation (ISRO) is gearing up for Chandrayaan-4 after the triumph of Chandrayaan-3. Unlike its predecessor, Chandrayaan-4 will undergo a two-phase launch utilising LVM-3 and PSLV vehicles. This approach aims to enhance the mission's capabilities, enabling the deployment of vehicles to land on the Moon and collect rock and soil samples for return to India. By dividing the launch into two phases, ISRO aims to optimise the mission's efficiency and ensure the successful completion of its objectives.



MARS: MORE LEAP YEARS THAN REGULAR YEARS, SAYS NASA

Mars experiences more leap years than regular years due to its unique orbit. According to NASA, a Martian year lasts 688 sols (Martian days), slightly shorter than the time it takes for Mars to complete one orbit around the Sun, which is about 686.97 sols. Consequently, occasional adjustments are necessary to align the calendar with the planet's orbital cycle. NASA elaborated that in a span of 10 Martian years, six would include leap years with 669 sols each. This phenomenon underscores the complexity of timekeeping on Mars and the need for adaptations to accurately track its celestial motions.





CINNAMON TEA: A HEALTH-PROMOTING ELIXIR

Regular consumption of cinnamon tea, brewed by steeping cinnamon sticks or powder in hot water, provides not only comfort but also a myriad of health benefits. Abundant in antioxidants, it aids in combating oxidative stress and maintaining stable blood sugar levels. Its anti-inflammatory properties promote digestion, bolster heart health, enhance the immune system, and facilitate weight management. This aromatic beverage serves as a holistic wellness elixir, offering a range of therapeutic effects beyond its soothing taste.



STUDY DEVELOPS STRONG, REUSABLE PAPER BAGS FOR BIOFUEL

A recent study proposes a method for producing sturdy paper bags capable of multiple uses, followed by chemical breakdown through an alkaline treatment, facilitating their transformation into biofuel. The process involves torrefying cellulose in paper, a technique that significantly enhances its tensile strength when wet, achieved through roasting in an oxygen-deprived environment. This innovation not only promotes sustainability by prolonging the lifespan of paper bags but also offers a viable solution for recycling them into valuable biofuel resources.



FILMING WRAPS FOR BAD BOYS 4 WITH WILL SMITH AND MARTIN LAWRENCE

Filming for Bad Boys 4 has concluded, confirmed by a new set image featuring Will Smith and Martin Lawrence. Directed by Adil El Arbi and Bilal Fallah, the film marks Smith's return as Mike Lowery and Lawrence as Marcus Burnett, reprising their iconic roles. While whether Bad Boys 4 will be the final chapter remains unconfirmed, neither actor has hinted at retirement. The potential for Bad Boys 5 may depend on the success of the upcoming film, following the unexpected critical and commercial triumph of Bad Boys For Life in 2020, reviving the franchise after nearly two decades.



Arnav Pandey of CMS Aliganj-1 Triumphs in 11th International Online Abacus Competition

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Bright minds, boundless potential, unstoppable success"

Arnav Pandey, a resolute Class 6 student, clinched the championship in the 11th International Online Abacus Competition- BrainoBrainfest, 2024 - Lucknow, India. Not only did he secure the prestigious 'Champion Trophy', but also earned a well-deserved certificate, marking a remarkable milestone in his academic journey. Arnav's accomplishment underscores his commitment to excellence, affirming that perseverance can conquer any challenge.



This achievement aligns with the Sustainable Development Goals (SDGs), particularly Goal 4: Quality Education, by promoting excellence in learning and showcasing the power of dedication in achieving success. Additionally, Arnav's success highlights the importance of fostering a supportive environment for young



learners to thrive and reach their full potential, contributing to a more equitable and inclusive society.

Study: Sweetened Drinks Raise Atrial Fibrillation Risk



Chinese researchers have discovered that consuming two litres or more of artificially sweetened beverages weekly heightens the risk of atrial fibrillation by 20%, compared to non-consumers. Similarly, consuming a comparable amount of added-sugar beverages increases the risk by 10%, whereas pure, unsweetened juices are linked to an 8% lower risk. Atrial fibrillation, the primary cause of strokes in the US, poses greater risks than strokes with other underlying factors. Symptoms include shortness of breath, fatigue, exercise intolerance, or palpitations.

Bitcoin Hits Record High of \$69,010 Amidst Institutional Demand



Bitcoin reached an all-time high of \$69,010 on March 5, 2024, surpassing its previous record. Fuelled by robust demand for spot bitcoin ETFs from Wall Street giants, analysts forecast the price could potentially hit \$150,000 this year and \$500,000 within the next five years. Institutional products like spot bitcoin ETFs have attracted over \$6.5 billion in net inflows. Coupled with an upcoming bitcoin reward halving reducing new supply, optimism for new all-time highs by year's end is high. Bitcoin's remarkable ascent since 2011 positions it as one of the world's top-performing assets, reflecting its growing prominence in the financial landscape.

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Journey Forward: A Heartfelt Farewell to Grade 8 at Birla Open Minds, Ayodhya Road



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To our beloved students: the world is your oyster, and we can't wait to see the pearls you'll discover. Remember, you will always be a cherished part of our family." - Vibha Ahuja Principal,

Birla Open Minds, Ayodhya Road

As the academic year concludes, Birla Open Minds International School, Ayodhya Road proudly hosted a memorable farewell for Grade 8 students, marking the culmination of their foundational educational journey with the school. This event was a vibrant celebration of the friendships, achievements, and growth they've experienced, designed to send them off with warmth, joy, and encouragement as they step into the next chapter of their lives.

The festivities were kick-started by the enthusiastic and talented students of Grades 6 and 7, who prepared a heartfelt dance performance and medley dedicated to their seniors. Their performances not only showcased their artistic talents but also their deep appreciation and fondness for their departing schoolmates. The event was punctuated with laughter and spirited participation as students engaged in a variety of games, including musical chairs and a playful mimicry contest that brought out the lighter side of everyone present. Such moments of joy and camaraderie under-

scored the close-knit community spirit that Birla Open Minds, Ayodhya Road fosters among its students.

A highlight of the farewell was the cake-cutting ceremony, symbolizing the sweet memories the students have created and the bright futures that await them. In a touching gesture, the Grade 8 students were also presented with capes and graduation caps, signifying their readiness to embark on new adventures. Adding a touch of tradition to the event, the titles of Mr. and Ms. BOMIS were announced, celebrating the exemplary excellence of Kiyam Khan and Divyam Singh, who jointly shared the title of Mr. BOMIS, and Samridhi Sinha, who was honoured as Ms. BOMIS. This honour, bestowed upon students who exemplify leadership, kindness, and a positive influence on the school community, was a fitting accolade for their impactful presence. The Principal, Vibha Ahuja inspired students with visions of future opportunities, ensuring them a lasting place in the BOMIS family. Anjalika Bharadwaj, their teacher, reminisced over the year's joy and mischief, celebrating the students' vibrant contributions. Niket Verma, Managing Director, imparted words of encouragement, urging students to move forward with confidence and the values nurtured at Birla Open Minds. Together, they sent off the



students with warmth, pride, and high hopes for their next journey. As the school bid farewell to Grade 8 students, everyone was filled with pride and optimism

for their futures. They depart as confident, compassionate, and well-prepared individuals, ready to face the challenges and opportunities that lie ahead.



China's Smartphone Market Witnesses Decline

A recent report reveals a dip of around ten percent in China's smartphone sales during the first six weeks of 2024, impacting major players such as Apple, OPPO, and vivo. Counterpoint Research suggests that Apple's iPhone faced challenges, including fierce competition at the high end from Huawei and pricing pressures from OPPO, vivo, and Xiaomi in the mid-range segment. Senior Analyst Mengmeng Zhang notes that despite the iPhone 15 being a commendable device, its lack of significant upgrades from the previous version has led consumers to hold onto older-generation iPhones for the time being.



Coffee with Parents Event a Success at CMS Rajajipuram I, Cambridge Section



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Cambridge Section of City Montessori School, Rajajipuram Campus I, recently hosted an enriching "Coffee with Parents" event, fostering a day of connection and learning among parents, students, and faculty. The event, graced by the presence of Sushama Rajkumar, Dean of Cambridge Schools, CMS, garnered widespread participation from both the school community and beyond.

The atmosphere buzzed with excitement as families gathered to partake in a variety of engaging activities. From storytelling sessions that ignited imaginations to hands-on pottery workshops yielding unique creations, attendees of all ages found avenues for expression and exploration.

The event also offered valuable resources, including career counseling sessions aimed at guiding students toward their future endeavors. Additionally, families had the opportunity to delve into the wonders of sci-



ence and astronomy through interactive workshops and captivating experiments.

A highlight of the day was the talent showcase, where parents and children alike dazzled with their diverse skills, further enhancing the sense of community spirit. Amidst coffee and refreshments, attendees engaged in meaningful conversations, fostering



connections that transcended the typical school setting. The event's success surpassed expectations, leaving participants feeling invigorated and united. Looking ahead, Cambridge Section of City Montessori School, Rajajipuram Campus I anticipates hosting similar events to further strengthen relationships within the school and the broader community.



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ALIA BHATT JOINS YRF SPY UNIVERSE IN UPCOMING ACTION ENTERTAINER

Ending speculations, Yash Raj Films' CEO Akshay Widhani officially confirmed that Alia Bhatt is set to join the YRF Spy Universe. Teaming up with Sharvari Wagh in an untitled film, both actors are expected to portray super-agents in this upcoming action entertainer. The announcement was made during FICCI Frames, where Akshay shared the exciting news, stating, "Alia Bhatt is headlining a Spy Universe film, and the schedule starts later this year. We are thrilled and excited about having this IP in the studio."



LDA PARTNERS WITH INTACH FOR CHHOTA IMAMBARA GATES RESTORATION

The Lucknow Development Authority (LDA) collaborates with the Indian National Trust for Art and Cultural Heritage (INTACH) for the restoration project of the two gates at Chhota Imambara in Lucknow. Dating back to 1839 and representing the Nawabi era, these gates, situated on both sides of Chhota Imambara, have faced deterioration with crumbling bricks and decaying walls. The restoration initiative, scheduled to commence by the end of March, aims to revive these iconic structures.



GLOBAL OUTAGES HIT META PLATFORMS: FB AND INSTA UNAVAILABLE IN MULTIPLE INDIAN CITIES

Users worldwide, including India, faced widespread outages across various Meta platforms, such as Facebook and Instagram. Reports flooded X as users expressed difficulties accessing the platforms and experiencing automatic logouts. Meta spokesperson Andy Stone acknowledged the global issues and assured users that the company was actively working to resolve them. The outages extended beyond India, impacting countries like the United States, the United Kingdom, Australia, Brazil, and Nepal. DownDetector recorded a significant spike in outage graphs, indicating widespread service interruptions.



Sunny Leone Ventures into Culinary Scene with Chica Loca Restaurant in Noida



Sunny Leone, known for her diverse talents, has expanded into the culinary realm with the launch of Chica Loca restaurant in Sector 132, Noida. Collaborating with Chef Vaibhav Bhargava, the menu boasts bold and inventive combinations, featuring dishes like butter chicken gujiya, chicken tikka masala waffle, avocado koli-wada, and the crowd-pleasing rock shrimp tempura. Leone's inspiration and Bhargava's culinary expertise ensure a menu where each dish harmoniously blends a plethora of flavours with creative flair.



Krishna Dubey(8 C) of CMS Aliganj Campus 1 bagged the First Prize in Athletics at Ekana International Cricket Stadium. The event was organized by the Ekana Foundation.



Early Exit for National Champion Chahar

India's reigning national champion, Takshya Chahar, faced an early exit in the first World Olympic Boxing Qualifier held in Italy. Competing in the men's 80kg category, Chahar experienced a knockout in the third round against Gheslghi Meysam of Iran, the 2021 Asian Championships silver medallist. Despite staging a comeback by winning the second round 3-2 after a 2-3 loss in the first, Chahar was levelled on three cards before succumbing to a knockout in the final round.



Indian Shuttlers Advance at French Open Badminton

Indian shuttlers Satwiksairaj Rankireddy and Chirag Shetty secured a spot in the next round of the French Open badminton tournament by defeating Malaysian pair Ong Yew Sin and Teo Ee Yi in straight games. The Indian duo clinched victory with a score of 21-13, 24-22 at the BWF World Tour Super 750 event held at Arena de la Chapelle in Paris. Meanwhile, in women's doubles, Tressa Jolly and Gayatri Gopichand triumphed over fellow Indians Ashwini Ponnappa and Tanisha Crasto in a hard-fought three-game match, with a final score of 16-21, 21-19, 21-17, advancing to Round 2. In men's singles, Lakshya Sen and Priyanshu Rajawat are set to compete against Kanta Tsuneyama and Viktor Axelsen, respectively.

RCB Captain Smriti Mandhana Excited for Delhi WPL

Royal Challengers Bangalore captain Smriti Mandhana expressed anticipation towards the reception of the Women's Premier League by the crowd in the national capital, following the packed stadium atmosphere experienced in Bengaluru during the tournament's initial leg. The Bengaluru leg, featuring 11 matches, concluded with RCB triumphing over UP Warriorz by 23 runs at the M Chinnaswamy Stadium. Now, the caravan moves to New Delhi, commencing Tuesday. Mandhana highlighted the significant turnout in Bengaluru, expressing curiosity about whether the energy of the Delhi crowd would match that of Bengaluru. Mandhana reminisced about her previous experience attending a men's cricket match in Delhi in 2016, noting the similarity in crowd enthusiasm and atmosphere.



Revocation of Paralympic Committee's Suspension by Sports Ministry



The Sports Ministry has swiftly lifted the suspension of the Paralympic Committee of India (PCI). In a letter to the PCI, the Sports Ministry cited the imminent hosting of the 2024 World Shooting Para Sport World Cup as a key factor in reversing the suspension. The Ministry had initially suspended the government recognition of PCI in February this year, citing a delay in holding elections after the executive committee's term expiration as the primary grounds for the suspension.

English Fans Flock to Dharamsala for Final Test Amidst Himalayan Beauty



As the fifth and final Test approaches, Dharamsala is witnessing planeloads of English fans, undeterred by the on-field results. The Barmy Army's unwavering support has been consistent throughout the series, but the allure of witnessing Test cricket against the backdrop of the Himalayas has drawn thousands more. Early morning flights from Delhi to Dharamsala were filled with enthusiastic English fans, creating a vibrant atmosphere reminiscent of cricket matches in the UK. The stunning view of snow-capped mountains upon arrival left fans in awe, and the unusually cold weather for this time of the year only adds to the charm, making the English supporters feel right at home.

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Cinnamon Raisin French Toast: Quick and Delicious

Ingredients:

- 1 egg
- 1/4 tsp cinnamon powder
- 1 tbsp milk
- 1 tsp butter
- 2 whole wheat bread slices
- 1 tsp sliced raisins

CHEF'S CORNER

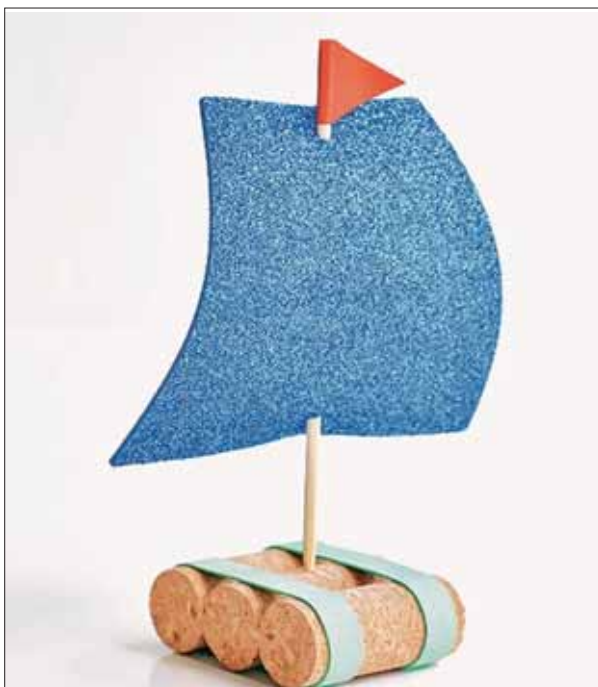
Instructions:

- Mix egg, cinnamon powder, sliced raisins, and milk.
- Heat a sauté pan, add butter.
- Dip bread in the mixture, coating both sides.
- Cook both sides on the pan until golden.

- Serve the toast.
- Enjoy with plum sauce or maple syrup!



Sail Away Fun: DIY Cork Sailboats Ahoy!



Materials Required:

- Corks
- Craft paper or fabric
- Wooden sticks or toothpicks
- Craft glue

Instructions:

- Cut craft paper or fabric into sail shapes.
- Attach sails to wooden sticks or toothpicks.
- Stick the other end of the sticks into the corks.
- Your adorable cork sailboats are ready to set sail!



WORD SEARCH

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M	S	C	R	B	I	K	I	N	I	E
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R	A	D	T	O	I	N	B	C	I	O
E	C	K	N	E	S	S	E	O	G	C
T	I	R	A	M	I	R	T	R	I	G
S	D	O	V	E	E	P	L	I	G	V
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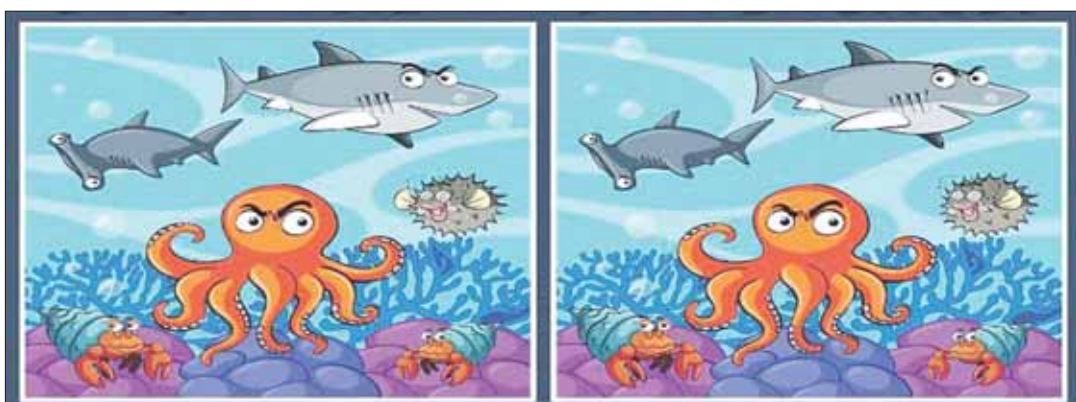
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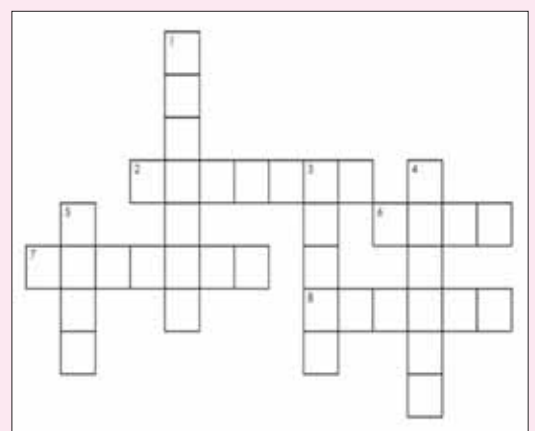
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DIFFERENCE



CROSSWORD PUZZLE



Across:

- The highest score possible in gymnastics
- Game played on horseback with mallets
- Swimming done in the ocean with waves
- The act of propelling a boat using oars

Down:

- Sport where players run, jump, and throw
- The playing surface in tennis
- Sport where players fight using their fist
- Small rubber object hit in ice hockey

Hints: Puck, Boxing, Javelin, Court, Polo, Rowing, Surfing, Perfect



Sponge Cities Transforming Urban Landscapes with Nature's Magic!

Rishika Kukrety

Imagine if cities could soak up rain like a sponge, rather than letting it flood the streets. That's the idea behind sponge cities! They're urban areas designed to slurp up rainwater, just like a sponge does with water. But instead of being boring, they're super cool because they're all about using nature's tricks to keep cities dry and clean.

WHAT MAKES THEM AWESOME?

Sponge cities use special tricks to handle rain. They've got cool stuff like spongy pavements, green roofs, and gardens that gulp down rainwater. Instead of water pooling on streets, it gets sucked up by these clever features. Plus, they make cities look amazing and give people fun places to hang out!

WHERE ARE THEY MAKING WAVES?

Places like China are leading the charge with sponge cities. Big cities like Shanghai and Shenzhen are getting makeovers with sponge city magic. They're turning dull con-

crete jungles into vibrant, water-loving wonderlands. These cities aren't just keeping floods at bay; they're also cleaning up dirty water and making life better for everyone.

THE ROADBLOCKS AND BRIGHT IDEAS

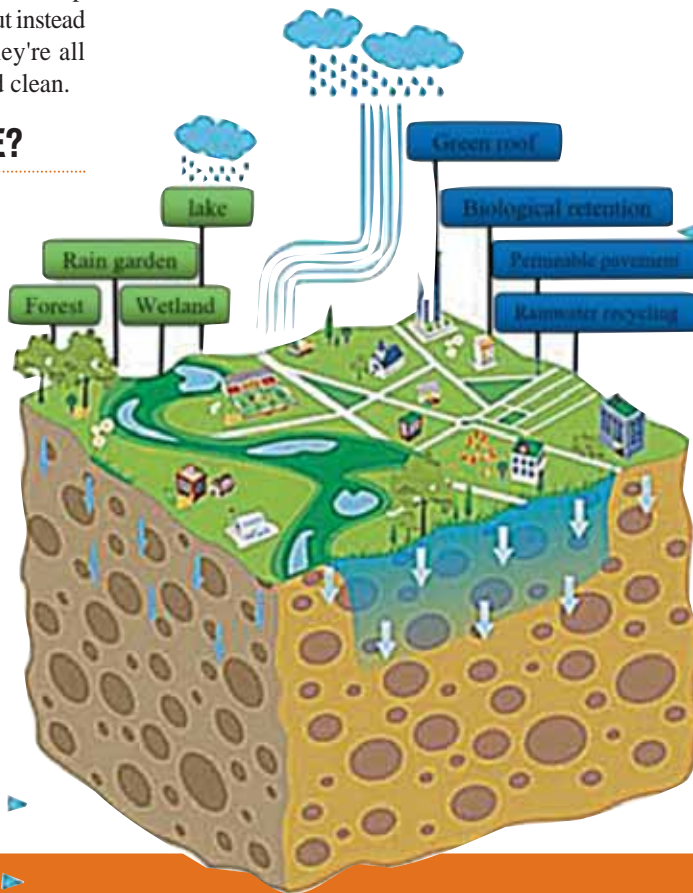
But creating sponge cities isn't all smooth sailing. Sometimes there's not enough money or people don't know how cool they are. Keeping these cities running smoothly takes work, too. But folks are coming up with awesome ideas to tackle these challenges. With a little creativity and teamwork, sponge cities can keep on growing and making cities better.

WHY YOU SHOULD CARE?

Sponge cities aren't just for city planners and engineers. They're for everyone! They mean fewer floods, cleaner water, and cooler places to hang out. Imagine walking through a city where every street feels like a park and rain just disappears into the ground. That's the magic of sponge cities!

THE EXCITING FUTURE

As more and more cities catch on, the future looks bright. Imagine a world where every city is a sponge city! It's a world where floods are rare, water is clean, and cities are greener than ever. With sponge cities leading the way, the future of urban living looks pretty exciting!



Harvesting the Future: The Crucial Role of Rainwater Harvesting in Sustainable Water Management

Taniya Dyson

Rainwater harvesting is a sustainable practice that involves collecting and storing rainwater for later use. This eco-friendly technique offers numerous benefits for both individuals and communities, contributing to water conservation and reducing reliance on traditional water sources.

Water Conservation:

Rainwater harvesting helps conserve water resources by capturing rainwater that would otherwise run off and be lost.

Reduced Demand on Municipal Supply:

Individuals and communities can supplement their water needs by using harvested rainwater, thereby easing the burden on municipal water supplies.

Cost-Efficient:

Implementing rainwater harvesting systems can lead to cost savings on water bills, as well as potential government incentives for adopting sustainable practices.

Groundwater Recharge:

Collecting rainwater and allowing it to

percolate into the ground helps recharge groundwater levels, crucial for maintaining a sustainable water cycle.

Mitigating Floods and Erosion:

By capturing rainwater, the risk of floods and soil erosion is reduced, as excess water is stored for beneficial use rather than causing damage.

Drought Resilience:

Rainwater harvesting provides a backup water source during periods of drought, ensuring a more reliable water supply for agriculture and domestic use.

Environmental Impact:

This method minimizes the environmental impact of extracting water from rivers or other natural sources, preserving ecosystems and aquatic habitats.

In conclusion, rainwater harvesting is a simple yet impactful solution to address water scarcity and promote sustainable water management practices. Its implementation at both individual and community levels can contribute significantly to a more resilient and water-efficient future.

