

FEBRUARY-MARCH
2023-2024



CALCUTTA INTERNATIONAL SCHOOL NEWSLETTER

<https://www.calcuttais.edu.in>

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IB Heads Meet

Calcutta International School was honored to host a team of IB Heads of School, attending the 6th PAN India & South Asia IB Heads Conference in Kolkata. The delegates visited CIS on February 8, 2024 for a comprehensive tour of the school. The entire event unfolded as an eclectic experience for teachers and students, with the delegates actively engaging with both groups through discussions, presentations, and classroom visits. This encounter vividly emphasized the IB philosophy of collaboration, commitment and collective spirit.





Sports Meet-2024



Calcutta International School's Annual Sports Day for the Senior Section on February 17, 2024, was a vibrant celebration marked by sportsmanship and camaraderie. The Geetanjali stadium buzzed with energy as students, faculty, and guests gathered. The opening ceremony, graced by Chief Guest Ms. Piali Ray, included a ceremonial march past symbolizing unity among the houses, each with distinct colors representing different values. The Marching Band's impressive performance was followed by the School Captain hoisting the flag and the School Song sung in unison, reflecting unity and pride.

The oath-taking ceremony emphasized sportsmanship values, officially opening the Sports Meet with colorful balloons released into the sky. Various races, including 100 meters, unique challenges like "Balancing the Egg" and "Three-legged Race," and Inter-house Hurdle Races showcased students' agility and teamwork. Taekwondo and a Western dance performance highlighted participants' skills. The day concluded with Tug of War and special races, fostering a sense of community. Green House clinched the Overall Champions Trophy while Red House and Yellow House bagged the second and third positions respectively.

The Group Champion award was given to the highest scorers of the day. This award was received by Krishiv Poddar and Kriti Garg from grades 6 and 7. Arush Churiwala and Anushka Shanti Ganguly received the prize from grades 8 - 10. The award from grades 11 and 12 went to Yash Bagchi and Ahana Hazra.

The Best Athletes of the day, Anoushka Shanti Ganguly of Grade 9 and Yash Bagchi of A2 were lauded for their outstanding performances. The prize distribution ceremony also celebrated outstanding performances in Shot Put and Long Jump across grades 6 to 12. The event ended with a vote of thanks, leaving students and staff with unforgettable memories of a day filled with sportsmanship and celebration.

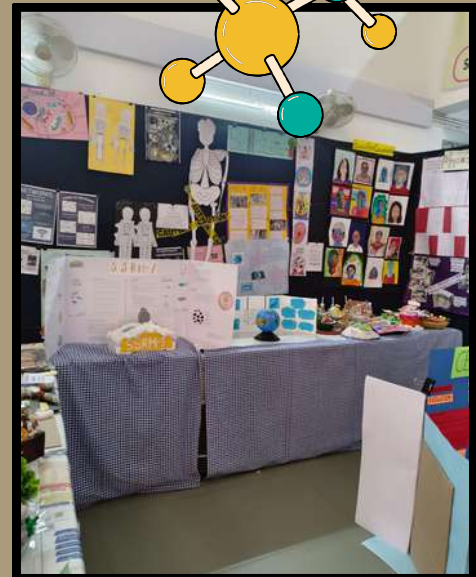
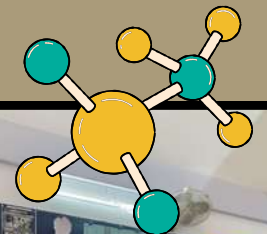


CURIOSITY CORRIDOR

On the occasion of National Science Day held on 28th February 2024, the CIS Science Team presented "Curiosity Corridor" - an exhibition cum Gallery Walk at the Atrium. The hard work of students of the Junior and Senior Sections showcased a captivating array of scientific wonders. From interactive displays on Physics, Biology, ICT, CS and Chemistry to thought-provoking exhibits, students and visitors were immersed in a dynamic exploration of various scientific disciplines.

The gallery walk encouraged active engagement, allowing participants to touch, and look at the exhibits from close quarters. Each exhibit promoted a deeper understanding of scientific concepts. Students took on the role of both observers and experimenters, making the learning process not only informative but also enjoyable. The interdisciplinary nature of the exhibition highlighted the interconnectedness of scientific fields and emphasized the importance of a holistic approach to learning.

The Science Gallery Walk successfully fostered a sense of wonder and curiosity, inspiring students to appreciate the beauty and significance of science in our daily lives. The combination of informative displays, interactive activities, and the enthusiasm of the presenters made the exhibition a memorable and enriching experience for all attendees.





HUMANITIES FAIR

The Humanities Club of CIS organised a Valentine's day themed fundraiser on the 13th of February called "Love is in the Fair." The club members prepared a variety of original handmade items such as crochet flowers, bracelets, cupcakes, cookies and other such delectables. The students decorated the butterfly area and set up their stalls in the short break. Once the stalls were open there was a huge rush and the fundraiser was over in flash. Everyone enjoyed the food items and was amazed by the handicrafts. With everything sold out within a matter of minutes, the Humanities Club students felt a sense of immense pride and satisfaction. All proceeds would be donated to charity and they were thrilled that their first major fundraiser project was such a huge success. They look forward to organising more such fundraisers- and this time making more items so that hopefully everyone can buy an item before it runs out.





Interschool Cricket Tournament



The first ever Inter School Cricket Tournament in CIS was a thrilling and action-packed event, taking place over two days on the 23rd and 24th of February 2024. The tournament featured an exciting T10 format and saw the participation of four schools from our city in a knockout style competition.

In the final match, Nava Nalanda School won the toss and elected to field first. CIS put up a competitive total of 78 runs in their allotted 10 overs, with Vedang Shah's outstanding performance of 53 not out being the highlight. However, Nava Nalanda School displayed exceptional batting prowess and successfully chased down the target in just 7 overs, emerging as the deserving winners of the tournament. Calcutta International School put up a valiant effort and secured the runners-up position.

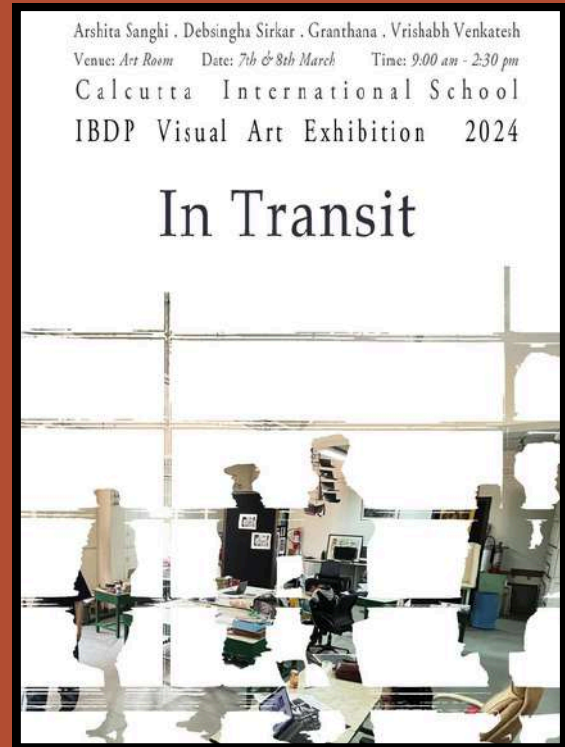
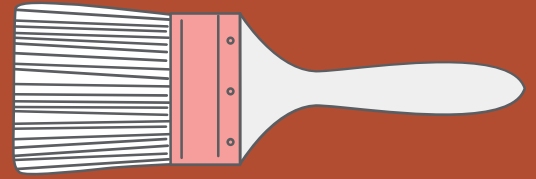
The Man of the Match title was rightfully awarded to Vedang Shah from CIS for his remarkable batting display. The captains, Yuvan Pawa from CIS and Sourayashish Saha from Nava Nalanda School, demonstrated exemplary leadership throughout the tournament.



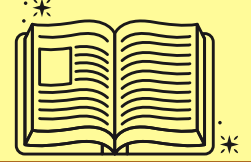
IB Arts Exhibition

In-House Events and Workshops

The final exhibition of the IBDP Visual Art students 'In Transit' brought some new perspectives in the context of urbanisation and our living. The students addressed various issues of modern urban living as well as questioned our existence. The old city of Kolkata was a direct source of inspiration to these artists. From the nostalgic past, the extension of our living to a de-constructed environment, all came up in the drawings, paintings, sculptures and installations. The participants of the events were Granthana, Vrishabh, Arshita and Debsingha.



Author Visit

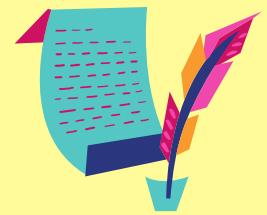


On 14th December CIS was happy to host renowned author, Ilika Ranjan whose popular children's fiction series, 'Secrets of Zynpagua' published by Penguin Random House Co. has evidently captivated young readers. During her engaging session with the students of Grades 4-6, she shared insights into her working life as an author, shedding light on the inspirations that led her to not only become an avid reader but also to venture into creating her own captivating stories. Such personal anecdotes can be incredibly inspiring for aspiring writers and fans alike.

The interactive and creative thinking session she conducted, added an extra dose of excitement to the event. These sessions often provide a unique opportunity for attendees to delve deeper into the creative process of writing and gain a better understanding of the author's perspective. The fact that those who participated and provided suitable answers were rewarded with signed copies of her books added a delightful and personal touch to the experience.

At the conclusion of the enriching session, every student received bookmarks as a keepsake.

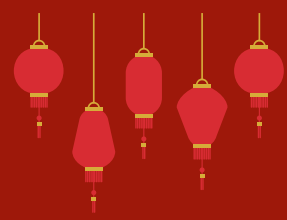
Ilika Ranjan's presence at CIS seems to have generated a memorable and rewarding experience for everyone present, strengthening the bond between the author and her readers.



On February 12th, students of Grades 5 and 6 enjoyed an enlightening session with author Jane De Suza through the 'Meet the Author' programme. Jane shared valuable insights into book writing and discussed her latest work, "The Talking Book," prompting conversations about ancient communication methods. Her captivating PowerPoint presentation engaged the students and fostered their enthusiasm for language and words as she traced the wild journey of communication—from caveman to AI. The session ended with a dynamic question and answer session, and students had the chance to purchase signed copies of Jane's books, enhancing their experience.



Chinese New Year 2024



Happy
New Year



During the Chinese New Year celebration at CIS, students showcased their commitment to tradition and heritage by performing a series of acts that included a choreographed dance and a symbolic enactment called "The Tower,"

The highlight of the celebration was the mesmerizing Lion Dance, renowned for symbolizing prosperity and goodwill. With its rhythmic beats and ceremonial lettuce tossing, the performance enthralled the audience and embodied the spirit of the occasion. "The Tower", which served as a tribute to former students and a means of preserving cultural practices showcased the students' teamwork and dexterity as they collaborated to construct a human pyramid. Their objective was to retrieve the symbolic Hong Bao, representing blessings bestowed upon the youth by their elders.

Ethan Cung, Elrich Chen, Chanelle Li, Logan Wu, Ahan Law, Ava Wu, and Dongin Lee were among the dedicated participants who brought the festivities to life through their energetic performances.

Taking place on February 7th at the multipurpose court, the event not only provided entertainment but also served as a platform for fostering cultural continuity among the student body. By actively engaging in these celebrations, students ensure that cherished customs and traditions endure across generations.



THE RIGHT-SIDE STORY'-A WORKSHOP ON BODY SAFETY & AWARENESS



Students of Grades 6 to 9 spent an eventful day, attending a series of workshops, with Right Side Story. The day began with an interactive workshop for Grades 6 and 7 on the topic, 'My Safety' – a session that enabled students to understand different kinds of high risk behavior and circumstances and the need for setting boundaries. The idea of consent and its implications across several real life scenarios was discussed. The students asked questions related to physical, emotional, online, personal and interpersonal safety. The session also delved deep into the topic 'Bullying' – through activities, students were able to develop better insight into the impact that bullying has on others and the need for bystanders to play a proactive role.

Next, they attended sessions on Body Safety and Awareness. Boys and girls attended this session separately for better relatability and in order for a safe space to be created for them to clear their doubts uninhibitedly. Students were keen to engage in conversations about changes in their bodies and other psychological changes that they experience and the challenges they face while adjusting to the same. Since this initiative was in collaboration with Whisper, the girls learnt about various menstrual sanitary items that they can use and were also given Whisper sanitary pads as a complimentary take away from the session.



Societal Synergy: A New Wave in Middle School Social Service Endeavours



Throughout the academic session, CIS Middle School students spearheaded social service initiatives to meet the multifaceted needs of the community. The list of the Services undertaken in this academic session includes:

- Risha Bhattacharya of 8B lead a drive to collect reusable stationeries and donate it to the NGO- Voice of the World.
- Manya Garodia of 8A contributed all the proceeds from the doughnut sale to Asha Niketan. This fundraiser event also included Anjini Dasgupta as a volunteer.
- Navya Kothari, Manasvi Sharma and Ava Xiu Mei Wun of 8B donated their collected funds to Commonwealth Human Rights, while Aesha Roychoudhury and Aisha Kothari of 8B supported Ankur Kala by organising an exhibition at school.
- Eimi Yuasa and Rajanya Deb of 8A led the annual used clothes drive, donating the items to Mustard Seeds Kolkata-Her Future Coalition.
- Ayaan Sonthalia of 8B coordinated with his peers to collect plastic and donated it to the NGO- Green for Life Foundation.



Taking Flight - Pilot Simulation

Organised by the Science Club on 3rd and 4th February, the pilot simulation program was an incredible two-day event led by a pilot and flight enthusiast from Flysym Dubai and Kitspire Dubai. The students got to dive into the fascinating world of flight mechanics and the basics of aviation. From learning about flight controls and cockpit instruments to gaining hands-on flight experience in a simulator cockpit, it was an interactive and innovative journey.

These two days were filled with excitement and enrichment for everyone involved.



Interschool Child Protection and School Safety Workshop



School Counsellors Spruha Patronobis and Farishta Dastur Mukerji attended a workshop on Child Protection and School Safety organized by Teachers' Centre and Rainbow Homes on 3rd February, 2024.

The interactive workshop focused on delving into the various possible risks within a school system, both physical and psychological, and the related preventive measures to include as part of the Child Protection and School Safety Policy. This was a platform wherein heads of schools, protection officers, teachers and counsellors could exchange best practices and case studies that led to experiential learning in child safety issues, thereby creating a think tank of preventive and restorative measures. Participants also spent considerable time in understanding how POCSO is implemented in schools through the Child Protection Committee. Apart from Calcutta International School, the session had participation from The Heritage School, South City International, Loreto House, Modern High, Birla High School, Frank Anthony Public School, Lakshmipat Singhania Academy - to name a few.



IB Heritage Walk



On 24th February, the students of IBDP Year I took part in a culturally enriching Heritage Walk along Park Street. They traversed the old road and learned of the humble beginnings of this familiar area of Kolkata - from historical accounts of Armenian and Jewish builders and British exploits and influences, to anecdotes about haughty paan sellers and stingy businessmen - they spotlighted the character of Park Street and the stories that breathed life into it.

The walk concluded at the South Park Street Cemetery which is the last resting place of important personalities from our colonial past like Sir William Jones and William Makepeace Thackeray.

This walk, organised by the Department of English, was part of the annual IB calendar to engage the students with the city as a text by itself.



Nurturing Global Minds: Calcutta International School's Transformative Exchange with Alfrink College



In a testament to the power of international collaboration and the enrichment it brings, Calcutta International School (CIS) recently engaged in a remarkable exchange program with Alfrink College in the Netherlands. This initiative, part of a decade-long association between the two institutions, saw 14 students and two teachers from CIS embark on a transformative journey to Amsterdam in the month of January. Their visit centered on participation in the Model United Nations Alfrink (MUNA) conference, an esteemed gathering that attracted schools from across Europe and Asia.

The three-day conference kicked off with a magnificent opening ceremony, where the CIS delegation took the stage with exuberance. Their traditional folk dances and songs captivated the audience, setting the tone for a successful event. Throughout the conference, the CIS students displayed commendable debating skills and diplomatic acumen, contributing significantly to the discourse on global issues. Their performance was met with appreciation from both peers and mentors, underscoring the quality of education and training imparted at CIS.

While the conference was the focal point of the visit, the CIS delegation also had the opportunity to explore the rich cultural heritage of the Netherlands. They visited prominent museums in The Hague, including the Museum Mauritshuis, which houses masterpieces by renowned Dutch painters. The Panorama Mesdag museum, with its panoramic painting depicting Scheveningen in the 19th century, offered a glimpse into the country's history. The Escher museum, dedicated to the works of Maurits Cornelis Escher, showcased the intersection of art and mathematics, inspiring the students with its intricate designs and optical illusions.





Anne Frank - an introduction



A day trip to Amsterdam further enriched the experience, with visits to iconic landmarks such as the Van Gogh Museum, home to the largest collection of the Dutch master's paintings, and the Anne Frank House, a poignant reminder of the human cost of intolerance and conflict. These excursions not only expanded the students' horizons but also deepened their appreciation for the art, history, and culture of the Netherlands.

The exchange program between CIS and Alfrink College is a testament to the longstanding partnership between the schools, built on mutual respect and shared values. These exchanges, which occur multiple times annually, nurture a global mindset and internationalism. It goes beyond academic learning, fostering lifelong friendships and a deeper understanding of different cultures.

CIS welcomes Mr. Maurits Seijger's, a Visiting Faculty from Leiden University in The Netherlands



We had the pleasure of hosting Mr. Maurits Seijger – a visiting History faculty from Leiden University in the Netherlands under The ICLON Teaching Master and the World Teachers Programme.. He taught grades across middle and senior sections in Calcutta International School, in January 2024. Mr. Seijger's unwavering commitment and pedagogical finesse made for the most engaging History lessons in Grade 7 and 8 while his meticulous lesson planning and active co-teaching in Grade 9 left an indelible mark in the minds of the students. Mr. Seijger's enjoyed an open rapport with students, fostered critical thinking skills and expressed admiration for their intellect and inquisitiveness to learn.

This is yet another significant step by Calcutta International School in nurturing international educational exchanges and actively pursuing partnerships on a global scale. Beyond student exchange programmes, CIS is now aiming towards teacher exchange, focusing on pedagogical enrichment and understanding of diverse cultural perspectives



Visit to the Indian Museum

An Art & History Collaboration



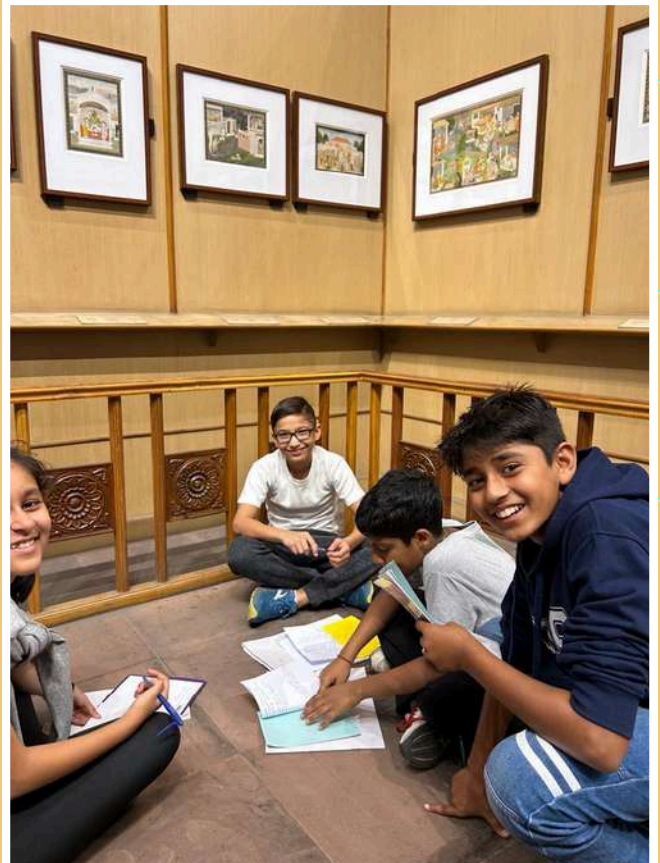
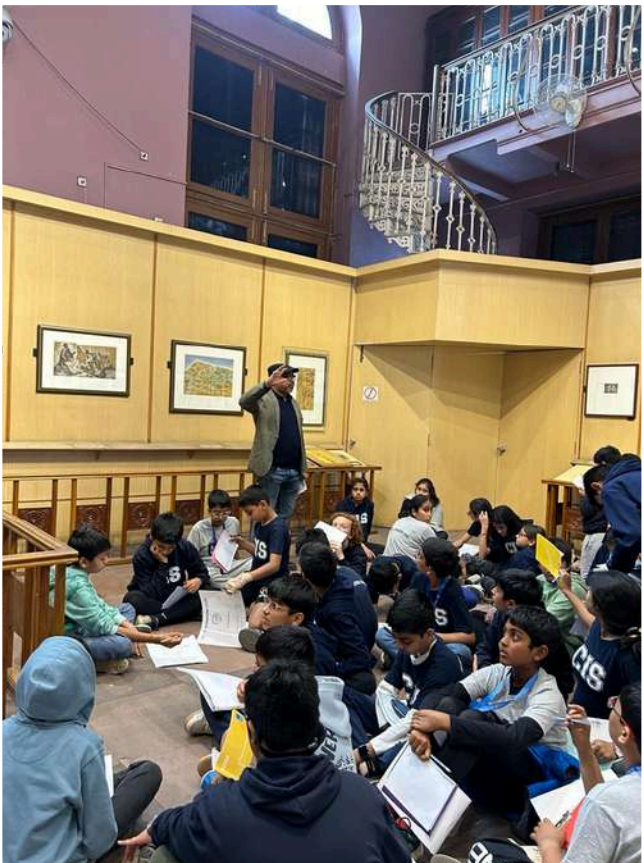
On 30th January 2024, students of grade 6 along with four teachers visited the Indian Museum to study Mughal Miniature Art and the shift towards British Colonial Art in India. The visit was also a part of Art and History Collaboration.

The museum visit led to a greater understanding of Indian miniatures and how they came into practice, how the artists worked during that period, the processes, methodologies, colors, and techniques involved, and the historical influences that took place. The visit also aimed to explore how Indian miniature art changed over time, particularly due to European influence, and how linear perspective came to influence their composition.

In the Bengal School section of the museum, students observed the influence of Indian miniatures on the Bengal School artists and how their works were influenced by them. We also engaged in hands-on activities, such as live on-spot drawings and completing a worksheet with certain questions.

Students could also draw from their history curriculum and could identify the various aspects of their topic 'Mughal culture, society and art' from the displays at the Museum. Fun activities were conducted and step by step worksheets were completed during the visit to make teaching - learning even more engaging! We plan to use these tracings for further research and incorporate them into our future projects in the following months. The wholehearted participation of the students made the visit a highly successful one!





Visit to the Alipore Jail Museum

A Collaboration between Depts. of Biology, English and History



Unravelling the mysteries of History, Biology, and English: A Journey to Alipore Jail Museum"

The students of Grade 8 took part in an immersive educational journey through time, unravelling the threads of History, Biology, and English at the Alipore Jail Museum. This collaborative learning project enabled the students to explore, learn, and create across disciplines.

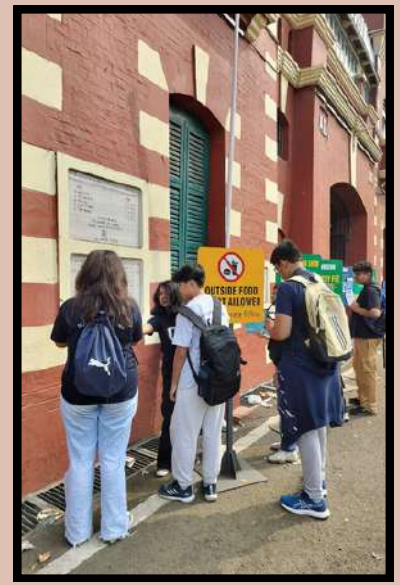
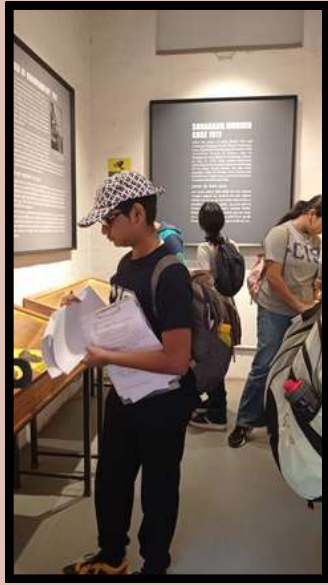
As part of the English learning, students honed their descriptive techniques using sensory description, figurative language, and a keen eye for colours and shapes. Their challenge was to transform their experience into a captivating video essay in the form of a vlog/documentary.

For History, students delved into the impact of British Rule on Indian Administration, society, and civic conditions during the 18th and 19th centuries, critically analysing the roles of the British Government, Indian freedom fighters, and the revolutionary spirit of the Indian masses. It was a brave endeavour to unearth the historical narratives within the walls of Alipore Jail.

Eventually, inspecting the biological aspect of the collaboration required students to shift their focus to the living conditions within the jail, investigating the existing sanitation system and the overall health condition of the prisoners. Students examined the impact of solitary confinement and isolation on the psyche as a unique form of punishment and linked these biological insights to the broader historical context, forming a comprehensive understanding.

This project aims to foster teamwork, critical thinking, and interdisciplinary understanding as a collaborative process conducted through thematic research. Students eventually compiled the information collected by publishing a documentary, based on the collective and individual experiences of our eighth graders.

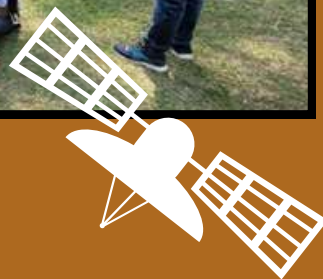




An educational trip to Regional Meteorological Centre, Alipore, Kolkata – A collaboration between Depts. of Geography, Mathematics and ICT



Grade 7 students ventured on an educational trip to the Regional Meteorological Centre in Alipore, Kolkata on February 29, 2024. The trip provided a holistic understanding of meteorology integrating knowledge from Geography, Mathematics, and ICT to foster comprehensive learning experiences. They learned about the workflow from data collection to processing, and how it aids in predictions and outcomes. The contrast between sensor-driven data collection and manual methods was explored, highlighting the efficiency and accuracy brought about by technology.

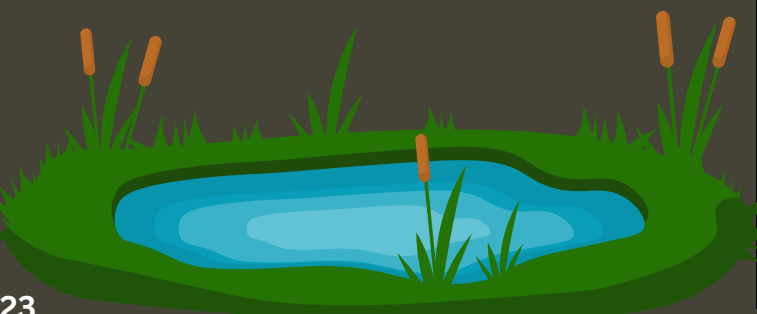




Walk for the Wetlands



On February 2nd, 2024, students of Grade 9 (Eleena Khan, Vivaan Khosla, Skyla Nazir, Shivani Bhunia, Agastaya Srivastava, Sanjana Shaw, Adrika Ghosh, Prisha Rampuria, Archisha Banerjee, Divit Jain) students of Geography from Grade AS (Auroni Sarkar), alongside ESS students of IBDP Year I (Abhipsha Chakraborty, Hridisha Chakraborty), embarked on a meaningful journey through the East Kolkata Wetlands to honour World Wetlands Day. The East Kolkata Wetlands serve as Kolkata's lifeline, providing essential services for the city's sustenance. This excursion symbolised a united effort towards wetland conservation securing our future well-being. In walking together, students not only commemorated World Wetlands Day but also reinforced our commitment to environmental stewardship. Each step taken was a pledge to nurture and protect these invaluable habitats, recognising their indispensable role in sustaining life and fostering a balanced ecosystem.



Students' Achievements



Grade 6A's Aditri Lahiri, displaying exceptional talent and diligence, has once again excelled by securing the top prize in the confined dressage medium Pony category at the esteemed Eastern India Equestrian Championship 2024. This championship served as a platform for riders to showcase their abilities and sportsmanship. Taking place over two days at the prestigious Tollygunge Club, the event witnessed Aditri's impressive demonstration of skill and unwavering determination, earning her well-deserved recognition and accolades.

4th All India Brahmaputra Tournament, Guwahati
26 - 28 JAN

INFO ENTRIES MATCHES VIDEOS

ENTRIES	CATEGORY	STATES
162	10	21

Sanction
Under the aegis of Assam Squash Rackets Association Reg. No. KAM(M)263/110 and the Squash Rackets Federation of India

Event Type
National Circuit

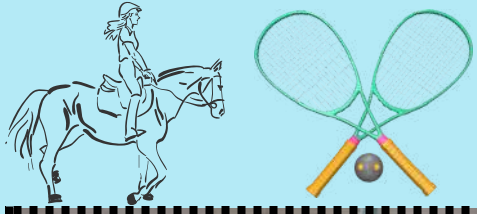
Star Status
Junior - 3 Star, Senior - 3 Star, Masters - 0 Star.

Event Rules
Refer to SRFI Championship Guidelines

Venue Address
R.G. BARUAH SPORTS COMPLEX

Registration Closing Date
28th Dec 2023 6PM IST

Category
BU11, GU11, BU13, GU13, BU15, GU15, BU17, GU17, BU19, GU19, MEN, WOMEN, MO50



Kiyan Jal Bulsara, also of Grade 6 is a talented squash player. He recently participated in the National Squash tournament held in Guwahati. With determination and skill, he emerged victorious in his first match, showcasing his exceptional talent and dedication to the sport. However, despite his best efforts, Kiyan faced a tough opponent in his second match. Looking ahead, Kiyan remains focused on honing his skills and continuing to pursue excellence in Squash and remains grateful for the opportunity to compete at such a prestigious event and is determined to use this experience as motivation for future success.



Students' Achievements

The 1st Inter School Basketball Tournament for Senior School Boys took place from 11th to 14th December, 2023. The tournament featured six teams from each category. Mr. Atanu Banerjee, a National player, coach, and BIBA referee who had officiated the World Cup Basketball Championship, attended the event as the Chief Guest.

Officials from the West Bengal Basketball Association oversaw the tournament. CIS claimed the championship title, while M.P. Birla Foundation Higher Secondary School finished as the runners-up. Advik Harlalka from CIS was honored as the Most Valuable Player, and Yash Bagchi was recognised as the Highest Scorer. The tournament was a display of exceptional talent and sportsmanship, with deserving recognition given to outstanding individuals and teams.



Mihiri Basu Mahagama of grade AS was selected to participate at the Junior National Basketball Championship and represent West Bengal. The selection process was rigorous, with 75 girls competing for a spot in the top 25. From the top 25, only 12 girls were chosen to play for West Bengal. The tournament was held in Orissa where they competed against teams from 21 participating states and also played against under 18 India players. Despite the tough competition, they managed to win 3 out of 5 games and secured a respectable position. Her achievement not only reflects her individual talent but also highlights the strength and potential of West Bengal's basketball community. Congratulations to Mihiri Basu and her team for their impressive performance at the championship.

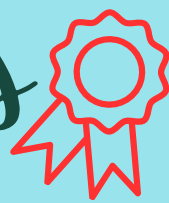


The M. P. Birla Foundation Higher Secondary School recently hosted the highly anticipated Basketball tournament 'HOOPS 2K23.' The tournament took place from 6th October, 2023 to 12th October, 2023 and witnessed the participation of both boys' and girls' basketball teams from various schools.





Students' Achievements



In the Boys category, out of the twelve teams that competed, the CIS boys' team displayed exceptional skills and secured the second position, emerging as the Runners-up. Yash Bagchi, stood out with his remarkable performance and received the Highest Scorer award.

The Girls section was equally exciting, with eleven teams playing for the championship title. The CIS girls' team proved their mettle and clinched the first position, becoming the champions of the tournament. Mihiri Mahagama was awarded the Most Valuable Player for her outstanding contributions throughout the tournament. Another standout player from the team, Gita Mahagama, received the Highest Scorer award for her exceptional scoring abilities.

Congratulations to all the players for showing once again their remarkable performance!



World Taekwondo, offers a comprehensive syllabus for belt assessment. Senior belt test was based on various elements & techniques which included Poomsae, body movement and eye coordination, controlled breathing, breaking, sparring, fitness assessments, and oral examinations aligned with the respective belt rank. The red belt syllabus included challenging techniques such as the jumping back kick, turning kick, endurance trials, breaking different types of kicks, sparring tactics, and theoretical knowledge of referee signals.

We are pleased to share that our Senior School students successfully passed the belt assessments and received certificates from the Bengal Traditional Taekwondo Association.



Students' Achievements



CIS student attends the World Youth Festival 2024

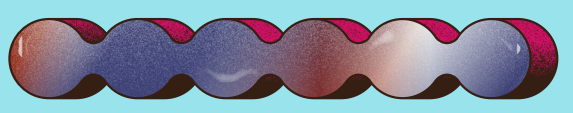


Artur Kol of class 9 became a member of the Indian delegation to the World Youth Festival, held in Sirius Federal Territory of Russia on 1-7 March this year. The delegation was one of the largest, consisting of 360 people from different states of India.

Totally the Festival gathered 20,000 young Russian and foreign leaders in such fields as business, media, international cooperation, culture, science, education, volunteering and charity, sports and various areas of public life. Teenagers representing children's organizations and associations joined the Festival as well. Amongst the "Under 18" category, only 2 thousand children attended the Festival and only 3 participants arrived from India.

Within the framework of the Festival, Artur Kol attended masterclasses, youth activities and worked on the project "Transport Hub", organized by the Russian Railways. On March 6, Artur got selected to attend an open discussion with the President of the Russian Federation. President Vladimir Putin interacted with the chosen audience of about 150 people for over 2 hours.

The World Youth Festival is the largest youth event of the world, that was held by the Russian Government. Over 800 events were organized to cater the interests of the young generation.



Teachers' Activity

Collaboration between Art and Mathematics

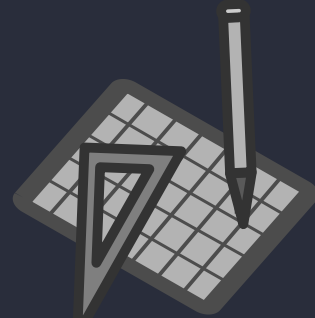


In the month of February, in Grade 6, the fusion of art and mathematic unleashed a world of creativity and analytical thinking. Students stepped on a journey where lines, shapes, and patterns intersect with mathematical concepts, unraveling the beauty hidden in symmetry.

Through collaborative learning, students explored the fundamental principles of symmetry, discovering its presence in nature, architecture, and art. Guided by their curiosity, they delved into the symmetrical wonders of the natural world, from the petals of a flower to the intricate wings of a butterfly. They uncovered the symmetrical motifs in famous artworks, from ancient civilizations to modern-day masters, recognizing symmetry as a universal language that transcends time and culture.

The students were engrossed in watching the video on Cymatics, the effect of sound vibrations on fluids, powders, and liquid paste that formed dynamic but ordered pattern with great symmetry.

As part of their multimodal assessment, students were tasked with photographing two objects: one showcasing line symmetry and another demonstrating rotational symmetry.

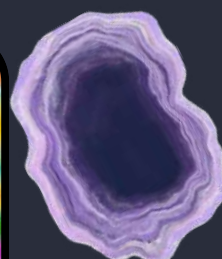
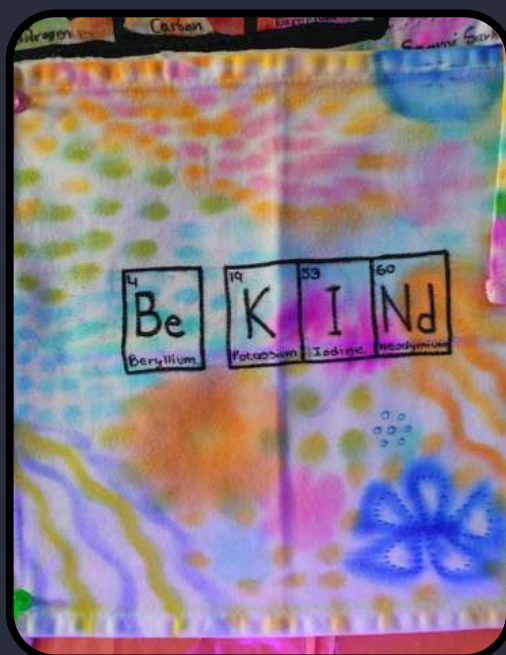


Chemical Kaleidoscope- Blooming Crystals

Unveiling the Spectrum: Hanky Art through Chromatography and Crafting Messages with Elements

Chromatography is a fascinating technique widely used in chemistry for separating and analyzing mixtures. In this creative project, the children explored the application of chromatography to create unique and visually stunning hanky art. This project not only introduced participants to the principles of chromatography but also allowed them to witness the vibrant and unexpected colors hidden within common markers.

The children also explored the art of chemical communication, where messages are crafted using elements from the periodic table. From atomic symbols to chemical reactions, this endeavor combines scientific knowledge with linguistic creativity to convey meaning in a novel and intriguing way.



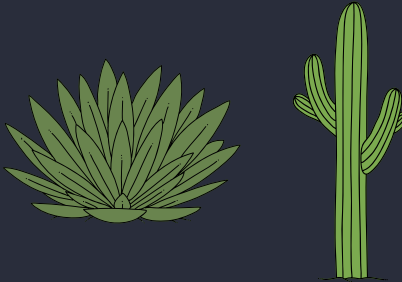
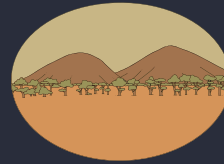
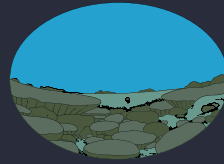
The development of a Crystal Garden served as an engaging and educational chemistry project that explored the principles of crystallization. This project not only enhanced students' understanding of chemical processes but also encouraged hands-on learning and experimentation. The Crystal Garden project involved creating colorful and intricate crystal formations, making it an exciting endeavor for students to delve into the fascinating world of chemistry.





A Collaborative activity between Physics and Biology

In an innovative collaboration between physics and biology, students ventured into the realm of speculative planetary system design to unveil the mysteries of an imaginary world. By simulating various physical conditions within this hypothetical planetary system, learners uncovered a plethora of potential habitats, each presenting unique challenges and opportunities for life forms.



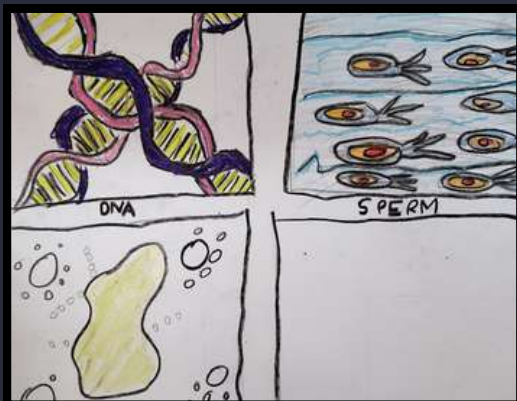
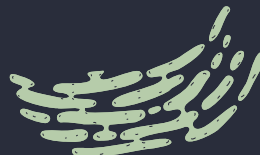
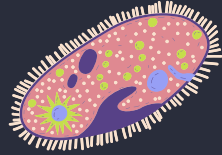
Utilising principles of physics to model the atmospheric composition, gravitational forces, and other environmental factors, biologists have embarked on a journey to predict the anatomical adaptations that species on this innovative planet might undergo. From extreme temperatures to unusual gravitational pulls, these adaptations are expected to be diverse and intricate, showcasing the ingenuity of evolution in response to environmental pressures.

This interdisciplinary approach not only expands our understanding of theoretical physics and astrobiology but also offers insights into the potential diversity of life beyond Earth. Through this collaboration, we not only design new worlds but also explore the boundless possibilities of life in the cosmos.

Exploring Portraiture through a Cellular Lens

Collaboration between Biology and Art

Lesson objective – Observational studies (research through their direct observation)



The collaboration between biology and art ventures into the realm of portraiture, this innovative approach challenges conventional understanding of portraiture by integrating cells into the artistic narrative. Through a collaborative effort, students delve into the intersection of art and science, reimagining how portraits can be conceptualized and interpreted.

There are sixteen works shown from the whole class as a part of this display.

Ijae Cha, Adriana Eva Kol, Sanaya Gupta, Kayaan Raja, Devank Jain, Murataza Johar, Aarja Bhattacharya, Aditri Lahiri, Vedang Shah, Srishti Sandilya, Sammagnah Bardhan, Vaanya Baid, Adhrit Sengupta, Medhansh Newar, Damayanti Ray, Ananya Almal.

Each work within this series represents a unique interpretation, showcasing the diverse perspectives and creative exploration of the students involved, by incorporating cells into the artwork, these portraits transcend mere representation, offering a deeper reflection on the interconnectedness of life and the transformative power of creative act.

Through this collaborative endeavour, the boundaries between reality and imagination blur, inviting viewers to reconsider their perception of portraiture. Such a collaboration not only expands the horizons of artistic expression but also fosters interdisciplinary dialogue, bridging the gap between art and science in a profound and thought-provoking manner.

