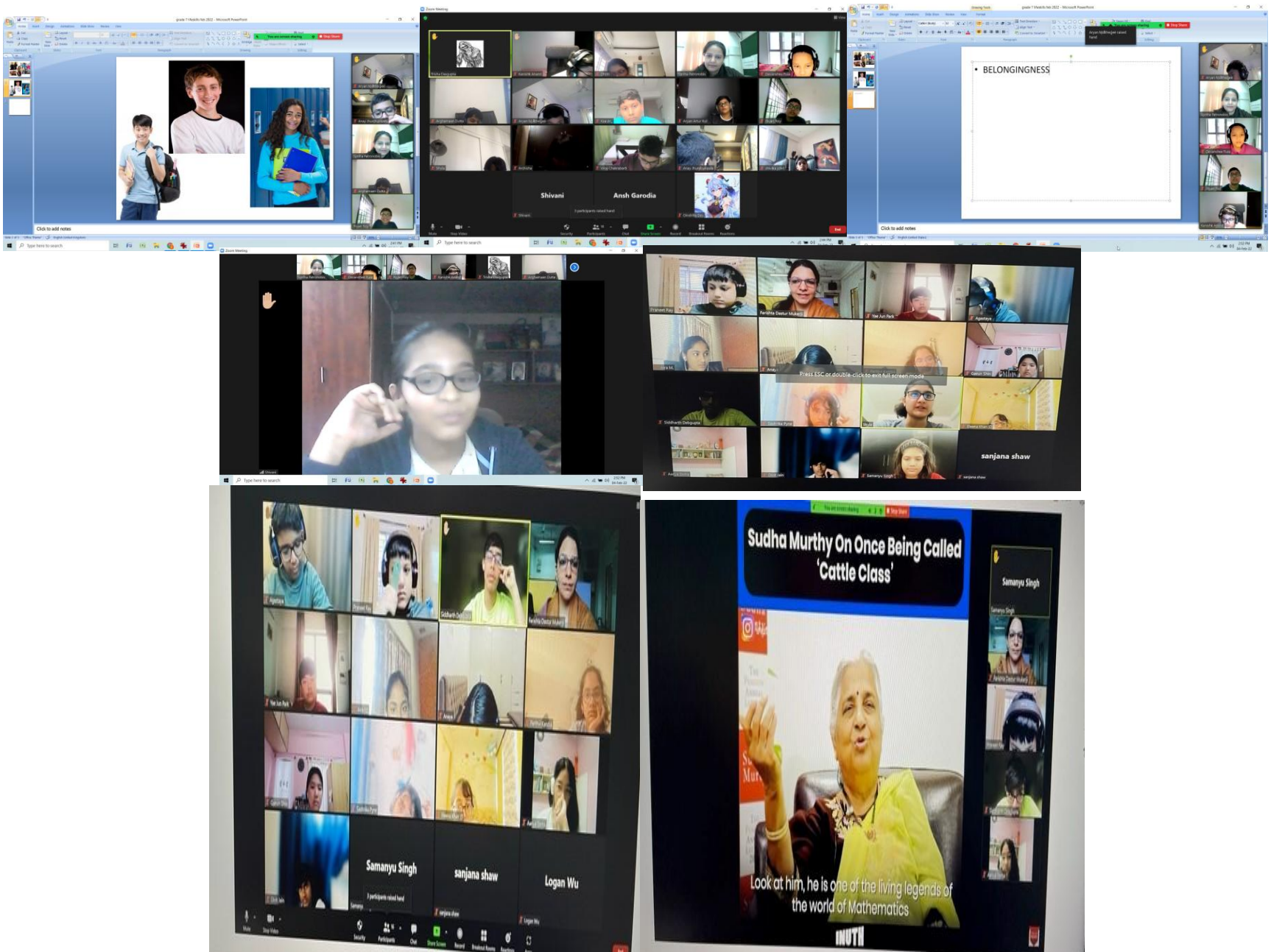


PARENTS' NEWSLETTER

A Touch Of Care COUNSELLING INTERVENTIONS

February 2022

Grade 7 students attended a lifeskills session with the school counsellors, Mrs Spriha Patronobis and Mrs Farishta Dastur Mukerji **on Self Image and Peer Relationships**. This insightful and interactive session enabled students to share their thoughts, feelings, judgements about age-appropriate concerns such as - whether being conscious of luxury brands impacts our self-image and how others perceive us. Does brand consciousness affect peer relationships? It was encouraging to see that most students were able to value trust, respect, like-mindedness over brand consciousness and believe that the former lead to meaningful and long-lasting peer bonds.

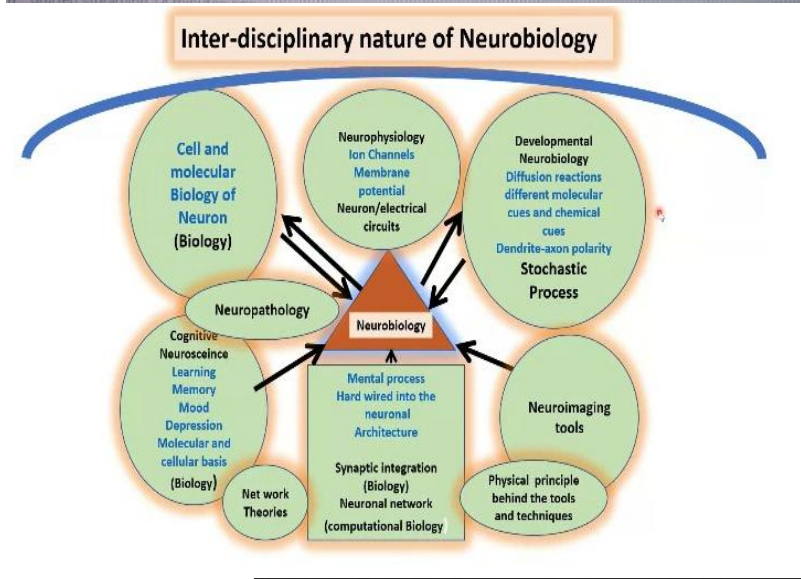
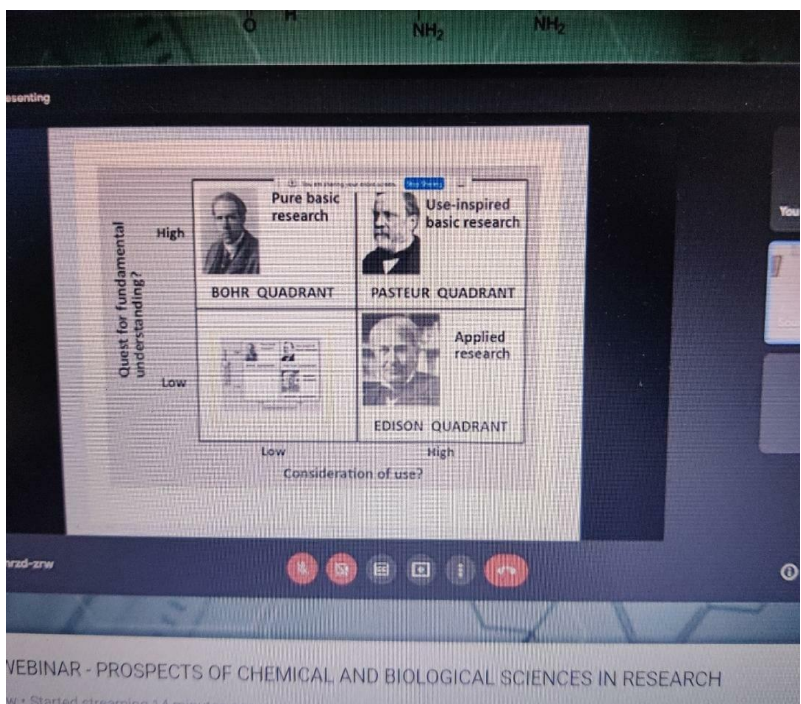


Insightful Events

Webinars and Sessions

Yuvraj Jhawar of IB1 and Shriyadita Sengupta of Grade.10 B attended the webinar on Prospects in research in Biological and Chemical Sciences and it has been an enriching experience for them.

Yuvraj writes: 'I got the opportunity to attend a webinar dealing with "Prospects of Chemical And Biological Sciences in Research" hosted by Asian International School, Howrah. The invited esteemed guests were Professor Sourav Pal, Mrs Apala Chakraborty, and Dr Jayasri Das, who are extremely qualified in their respective fields. Throughout the webinar, I was challenged by 'not so common thoughts' about how one realizes his/her liking towards a particular subject and how there is a need to intermingle between subjects to solve global problems like pollution and global warming, etc. Being an IB student, it also helped me exercise my TOK skills while listening to the perspectives and opinions of the speakers on career opportunities in the field of science.'



Pursue education in Biology

Popular Universities in India for biology:

Government of India has established **IISERs** at Kolkata, Berhampur, Bhopal, Mohali, Pune, Thiruvananthapuram and Tirupati to integrate and promote interdisciplinary science education and research.

Other institutes like IIT's, IISc, AIIMS, BHU, Calcutta university, Ravenshaw university, Vishwabharati university etc. are at the forefront of biology teaching as well as research.

Popular Universities for Biology Internationally:

Below is a list of universities and colleges offering courses for life science and Biology studies:

- Massachusetts Institute of Technology
- University of Pennsylvania
- Stanford University
- Harvard University
- Yale University
- University of California – Berkeley
- Johns Hopkins University
- University of Alberta
- University of Queensland
- La Trobe University
- University of British Columbia
- Massey University
- Cambridge university
- Oxford university

A Session with Dr Nair



An Initiative by The Department of English

Dr Saritha Rajesh Nair completed her PhD in English Literature from Nagpur University and has been an A level English language teacher for many years now. She is currently working as an A level language and literature teacher at Fravashi International Academy, Nashik.

The A2 English Language students recently had an interactive session on the 4th of March, 2022 with Dr Saritha Nair. The thirty-minute session mainly focused on the works of n-grams, concordance, and collocation tables, all elements of the 'Language Change' component at the A levels.

The interactive session was filled with in-depth information, tips on how to tackle board questions as well as a question-and-answer session at the end which proved to be fruitful for the A2 students! Ms Nair gave applicable examples and even worked on past paper questions with the students, which aided them in understanding how to apply these concepts when writing their answers for the Language Change component. The A2 English Language students are very glad to have attended this session with Dr Nair and thank her for taking the time out of her busy schedule to help them!



Learning with Art Journal Foundation



Webinar

"Know Cambridge Art and Design A Level Requirements"

Art Journal Foundation is an independent educational organization that supports the process, practice, and education in Arts and Culture across the globe. Art Journal Foundationshall help to create resources and serve as a support platform for students, teachers, and Art enthusiasts. It aims to serve as a platform that brings in resources to enhance and encourage creativity, critical investigations, explorations, and experiments that push boundaries of knowledge and practice and challenge dominant narratives.



Mr. Subrata Ghosh - Speaker

Subrata Ghosh is the Head of Department, Visual and Performing Art at Calcutta International School. He is an IBDP Visual Arts Examiner, a practising Visual artist with over 23 years of experience into education.



Ms. Nirupama Sibal - Speaker

Nirupama Sibal is an IBDP Visual Arts examiner, former Head of Department Visual Arts at Dubai International Academy with over 20 years of teaching experience.



Mr. Vaishak M Raj - Moderator

IB MYP and PYP dance facilitator at DPS International Edge, Gurugram, who meaningfully engages students to develop their artistic voice and choice. He has been the Creative Head for the British Council's project 'Imperfect Circle' and has won numerous scholarships and grants towards his meritorious services in dance.

FREE REGISTRATION

4th February, 2022, Friday

6:30 pm to 7:30 pm IST

Contact us: artjournalfoundation@gmail.com

The World through Animation

The Humanities Club on 24th February 2022 organised a session on - Visual Communication through animation by Dr Sudhanya Dasgupta Mukherjee. The session was well attended by both students and teachers and was extremely helpful in understanding the various facets of animation. Dr Mukherjee took us through different ages and different places around the world and showed us how we perceive visual images which affect our daily lives.

Humanities Club Featuring

Dr Sudhanya Dasgupta Mukherjee

Presenting Visual Communication through animation

A PICTURE IS WORTH A THOUSAND WORDS

Dr. Sudhanya DasGupta Mukherjee
9825184256, sudhanya74@gmail.com

Hall of Fame



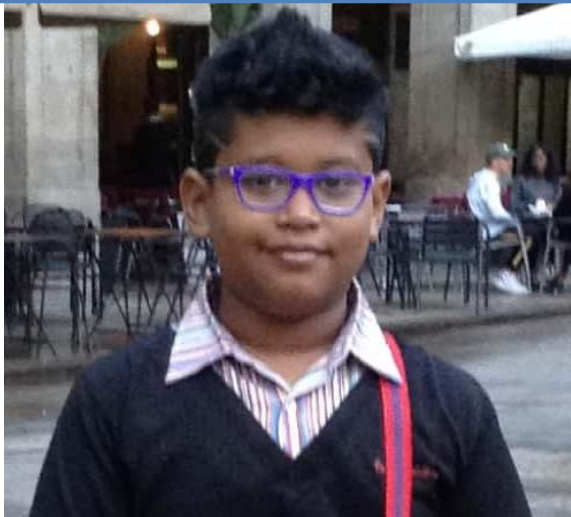
Varish Mundra of grade 6B had participated in the under-14 badminton boys singles in Bengal Rowing Club. Out of all the participants, he was the youngest one to win the trophy.

Congratulations Varish!



Shivani Bhunia of Class 7A has passed her brown belt exam in Karate. She is gearing up next for the Black belt examination.

Congratulations Shivani!



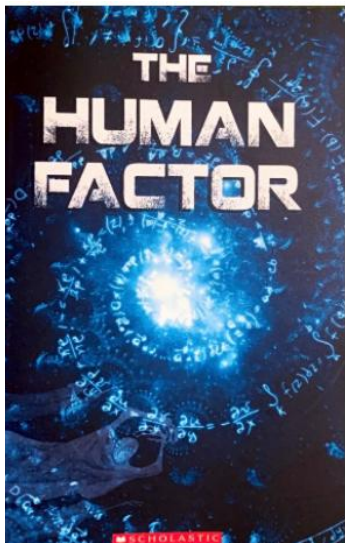
Vaibhav Saha of class 8 A has secured 6 th rank in the national level of wiz spell bee.

Congratulations Vaibhav!



We are proud to share that Arjun Sen of A2 has published a paper titled "Comparing Qubit Platforms in the Race to Feasible Quantum Computing," in the Journal of Student Research. We are sharing the doi for the publication:<https://doi.org/10.47611/jsrhs.v10i4.2236>

Congratulations for this wonderful achievement. We wish Arjun all the very best for all his future endeavors.



Last year, Tarini Sudarshini Kaul of Grade 10 B was selected by scholastic to be part of a group of teenagers to contribute to the book "The Human Factor". It is an anthology of short stories ranging from murder mystery to science fiction. The book was published earlier this year 2022. Congratulation Tarini!!



Coding: The language of future



The CIS Coding Contest took place on 25th February 2022 during the 7th and 8th lessons. A total of 17 students from grades 6-10 participated in the contest, which took place on zoom. The organizers, Rishi Jain and Vikhyat Agarwal prepared Scratch programs such as a program that displays the sum of all even factors of a number, a program that finds the median of a set of numbers, and a program that reverses the words of a sentence. However, the programs included 3-5 logical errors, which prevented them from performing their desired task. The participants were asked to find and fix the errors in the programs, and ensure the programs were functioning correctly. They were put into 4 teams; each team was assigned a breakout room where teammates discussed answers to the problems. The contest consisted of 4 rounds, with each round having questions of increasing difficulty. Most teams comfortably found the errors in the first and second rounds, but only a few were able to correctly spot all errors in the final round. Overall, all participants thoroughly enjoyed collaborating with others to solve the problems, and earning points for their teams.

First Position

Advay Nathany Grade 8B
Rudra Mazumder Grade 10 A
Aesha Roychoudhury Grade 6 B

Second Position

Prakhar Drollia Grade10 B
Aadit Mukherjee Grade 8 B
Srijan Saha Grade 6 B
Jinay Whora Grade 7 B

Third Position

Deeptendu Shekhar Ray Grade 9A
Sampreeta Maheswari Grade 8 A
Eleena Khan Grade 7 B
Aarush Churiwala Grade 6 B

NATIONAL SCIENCE DAY

February 28 is celebrated as **National Science Day** to mark the invention of the Raman Effect by Indian physicist Sir C. V. Raman.

To develop a scientific attitude and interest in science, **Students of Grade-9** celebrated the day with an online event, ***“In conversation with the scientists of the century....”*** where they presented themselves as eminent scientists like Archimedes, Mendel, Darwin, Marie Curie, Alfred Nobel and spoke about their discoveries. This was an online activity where the students were encouraged to use their innovative ideas to represent the scientists such as choosing virtual backgrounds, diary props, dressing up with virtual effects to support their presentations. The event gave an insight into the lives of these scientists and their influencing personalities.



Back To School!!



Grade 6 A



Grade 6 B



Grade 7 A



Grade 7 B





Grade 9
Sections A and B



Grade 10
Sections A and B



Beyond The Classroom: A Chemistry Research Project

“The journey began in June 2021 along with the IBDP Year1 students to publish their research work and hence get more exposure. They had worked under my guidance on a project in January 2020 when the school was in normal physical mode and they were in grade 10. To publish the research, we needed a platform where we can present our research work. Finally, we came across JEI - Journal of Emerging Investigators, an initiative by the Harvard University Research Students. Our research investigation was based on testing “Ethanol purity obtained from various organic matter”. To access our research paper you may use the following registration number is: [emid:a6be5d139b992e67](#) The journey involved 5 rounds of scientific review and each time the review team had new recommendations to help us improve the methodology or the formatting of the paper. It was an immensely enriching learning experience for all of us as a team and we worked with patience following all their instructions and guidance. Finally after 9 months, they informed us that finally our paper has been selected for publication and would be ready within 4 weeks.”

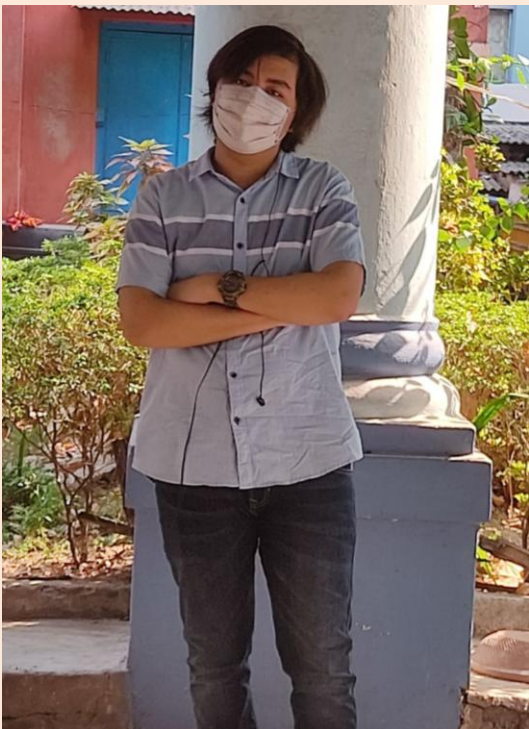
~ Mrs. Chandrani Chatterjee



Adi Mukherjee



Arko Aalok Sarkar



Ronald Bose



Kushagrah Jain



Siddhant Kejriwal



Tanush Siotia

Collaboration in the Classroom

Biology and Physics come together in Grade 6



Ms. Debatmita Guha, Biology Teacher

An interdisciplinary collaboration between Physics and Biology ensured an 'Energetic' time for the students of Grade 6. The idea of Energy Transfer was reinforced through the twin aspects of- Energy transfer in ecosystem and micro-organisms (Biology) and The Law of Conservation of Energy (Physics). The objective of the collaborative approach was to underline the importance of energy as a fundamental block of science and to examine the concept of energy in nature from different scientific angles.

The students in grade sixth, would eventually cover the energy flow through the different tropic levels. Hence, introducing a new dimension to energy transfers, and carrying the concepts of Physics into Biology would prove to be a good introductory lesson. The lesson revolved around the theme of how energy circulates through the physical world into the biosphere and back.

The lesson included of a fun quiz the helped students recall their prior learning. The competitive nature of the quiz helped set the pace of the lesson. The students were clearly very excited to be using an Android application to scan food items and get to know the relevant calorie count. This opened up an engaging discussion that had potential for both Physics and Biology.



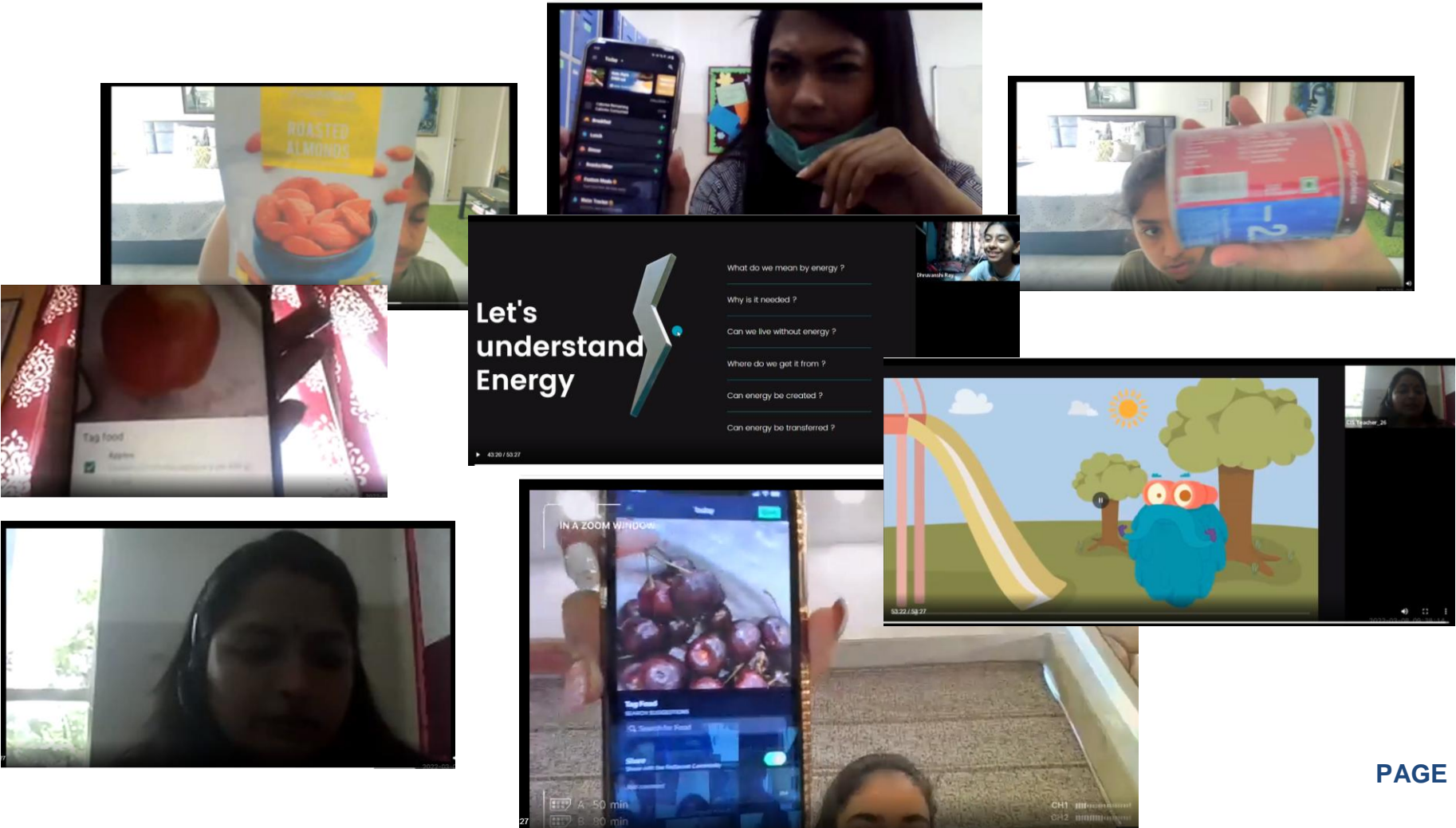
Ms. Suvasree Banerjee, Physics Teacher

I find that collaboration stimulates students in ways that are new and innovative. Interdisciplinary studies help students overcome the compartmentalisation they often develop in their perception and approach.

To explore this further, I decided to take up the unit of Energy in Physics and link it to the flow of Energy in the Biosphere. The students were taken through concepts of Physics and Biology simultaneously as a result the reinforcement was more effective and holistic. Along with the interdisciplinary content, the lesson included modules of technological awareness, designing and planning. As all these modules tapped into the higher order thinking skills, at the very onset of the lesson, a recalling activity was included.

Overall, the students seemed very enthusiastic to be introduced to a new approach of learning a topic that has been addressed many a times in their few academic years. The lesson proved effective in addressing all the learning objectives and proved that more such collaborations would help in the holistic learning of the pupil.

Collaboration makes science possible! Hence the opportunity to introduce explanations and concepts of Biology in the Physics class seemed very welcoming. I strongly believe such initiatives are paramount in the twenty-first century learning space.



CIS Presents for TED

An International Steam Research Initiative

CIS was proud to be a part of the TED Event conducted in association with International STEAM Research. In this format of TED, ideas were discussed and perspectives were shared in an open platform.

This is a new format that is being explored by TED. Here the discussion and exploration of ideas is being shifted from passive to a more interactive process. With such an approach, TED intends to inculcate within students the skills of inquiry, research and tolerance.

The students were given a theme and a TED talk based on which they shared their ideas and approach on the same. The discussions were presided over by Mr. George Panicker. This was a very engaging and enriching experience for the students of CIS.



“Communication Skill is of paramount importance in the present times. It is important to hear one another, and to always be involved in breaking the bubble of one’s beliefs and of looking beyond what has been done. It is important to learn from each and every opportunity and to involve the learning into the daily life and daily process.”

~ Prakhar Drolia



“On Monday, 14th February, five students of classes 8-10 participated in the TED Circle event, hosted by International STEAM Research (ISR) - Oindrila Pal, Pravar Agnihotri, Archisha Dasgupta, Rajnandini Dey, and Rohit Dey. It was moderated by Mr. George Panicker, the ISR CEO. Prior to this, we had gone through a selection process in which we had to analyze and respond to a given TED talk. For the final discussion, we had been provided another TED talk and a set of guidelines as to what to talk about. The chosen TED talk for our session was titled "Stop being a bystander in your own life" by Tracy Edwards. Each participant had five minutes to make their presentation, a pre-written speech along with relevant research and anecdotes.

The discussion was a fruitful one, with a variety of topics surfacing from our research and prior knowledge. From how to handle self-doubt to the costs of following your passion, we truly had an engaging discussion. I found it amazing how this session highlighted the different perspectives we all had on the same speaker's story, and how much one can learn from listening to other people.”

~ Archisha Dasgupta



Ms. Suvasree Banerjee,
Teacher Co-ordinator,
TED ISR Event

The event caught my attention as the skills targeted here completely consistent with our vision and mission statement. Hence, when the idea was shared with me I could only think of how beneficial such an experience would be for our students.

The events took place over the month of February 2022. Two major themes were taken up in each of the events. The students were given a topic already showcased by TEDx, after which they were allowed to share their ideas in a panel discussion. This is an initiative to make the TEDx an active experience and help inculcate within students skills like research and inquiry.

hosted by International STEAM Research on

MONDAY
14
FEB
2022
03:30 PM

THEME : Everyday Leaders

Archisha Dasgupta
Calcutta International School, Kolkata

Oindrila Pal
Calcutta International School, Kolkata

Pravar Ingty Agnihotri
Calcutta International School, Kolkata

Rajnandini Dey
Calcutta International School, Kolkata

Rohit Dey
Calcutta International School, Kolkata

TED TALK
'Stop being a bystander in your own life' by Tracy Edwards.

George Panicker
Founder and CEO
International STEAM Research

Empowering schools to develop Future Ready students through Experiential Learning since 2017
www.isrspace.com

hosted by International STEAM Research on

MONDAY
21
FEB
2022
3:30 PM

THEME : Everyday Leaders

Sia Agarwal
Calcutta International School, Kolkata

Mayurakshi Sarkar
Calcutta International School, Kolkata

Prakhar Drolia
Calcutta International School, Kolkata

Prithviraj Jhunjhunwala
Calcutta International School, Kolkata

TED TALK:
'A roadmap for young changemaker' by Melati Wijsen

George Panicker
Founder and CEO
International STEAM Research

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www.isrspace.com