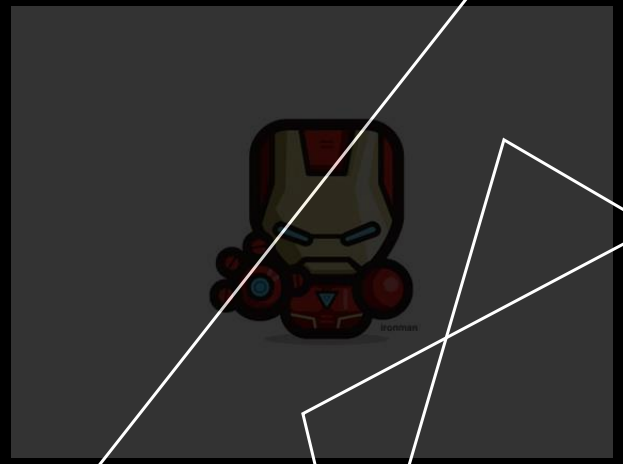
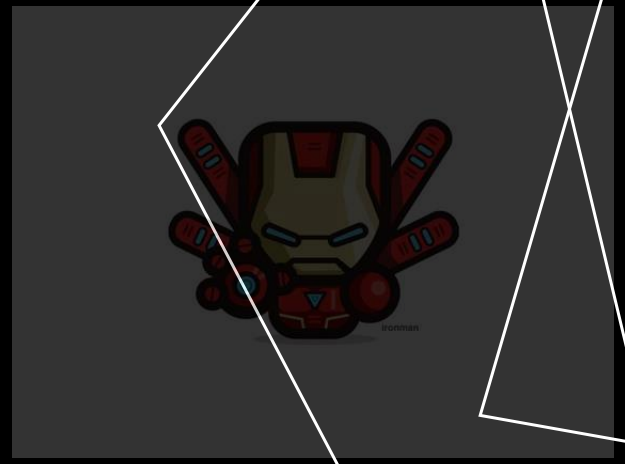
NAFL

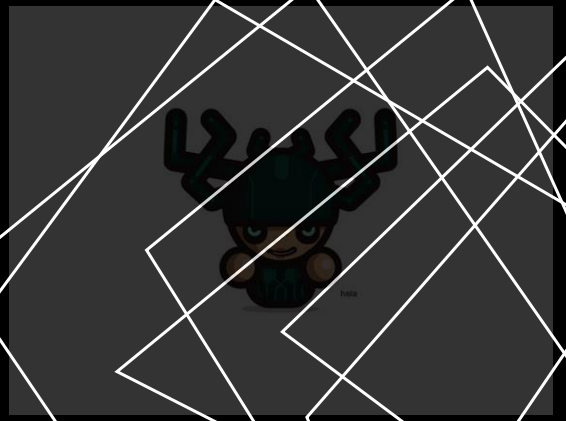
TERM 2 NEWSLETTER 2022-2023

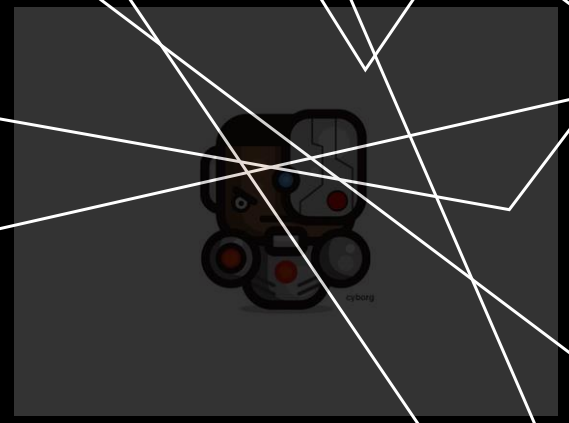
GRADE 9

TOGETHER, STRONGER!









HELLO, PARENTS!

We are at the final two months of school! All our calendar events have gone as planned, including a splendid PY Annual Concert!

We opened our very own INSTAGRAM page in January 2023! We see joy, curiosity and confidence in our students, with amazing triumphs in various fields, including Cambridge Top in World and Top in Country Awardees, ISC Top 1% Achiever, Olympiad toppers, NAFLERS at the United Nations, Winners of the APJ Abdul Kalam Youth Volunteer Awards and art under the Boeing Space Foundation Art for the Stars Competition being sent to space! Our students never fail to surprise and motivate us each year!

Enjoy the news reports ahead and cheer our students' endeavours! Together, Stronger!

We hope the year has gone well for you. Our warmest wishes to you all for a happy summer break! School re-opens on June 7, 2023, for the next academic year.

Warm regards

Indira Jayakrishnan
Principal

Instagram ID: naflnationalacademyforlearning

CAMBRIDGE OUTSTANDING LEARNER AWARDS

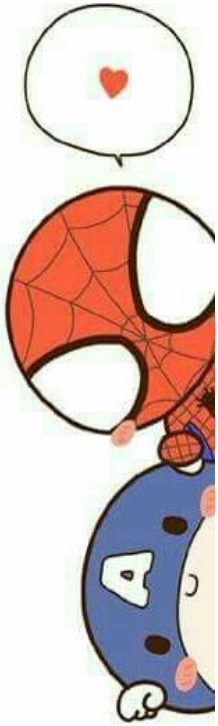
We are delighted to announce the outstanding achievements of two of our students in the AS and AL Board Exams of 2021-22!
Our heartiest congratulations to Siddhartha and Snigdha!

Siddhartha Rajeev
A Level
Top in Country Award - Overall
Top in World in Chemistry & Computer Science

Snigdha Reddy
AS Level
Top in Country in Global Perspectives & Research

FIELD TRIPS & TALKS @NAFL

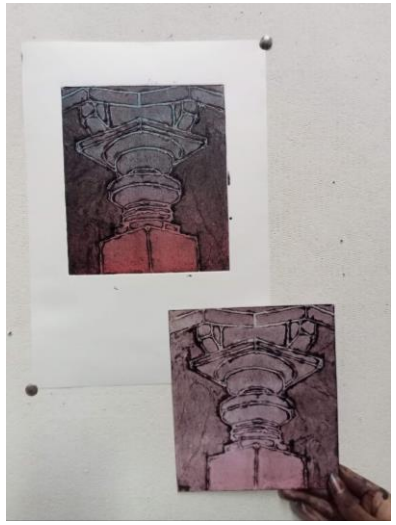
A SNEAK PEAK



Three Day Print-Making Art Camp at Karnataka Chitrakala Parishath

The Art students of senior school had an incredible opportunity of attending a three-day workshop on printing at the Karnataka Chitrakala Parishath.

Students were introduced to various modes of printing such as cyanotype, collagraphy and planography. The fledgling artists put their newly acquired skills to the test by creating unique works of art as well!

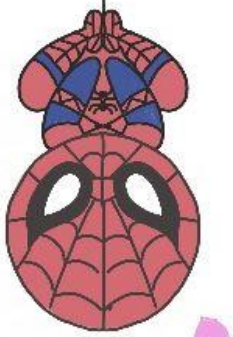


RIVERS OF LIFE @ AZIM PREMJI UNIVERSITY

"Rivers of Life was an initiative by Azim Premji University, the first of a series that aims to depict nature in all its forms; portraying the splendour of our rivers through the vivid imaginations of young interns. Their work, intermeshed with generous contributions from civic-society groups, come together to form a multi-layered narrative of the river".

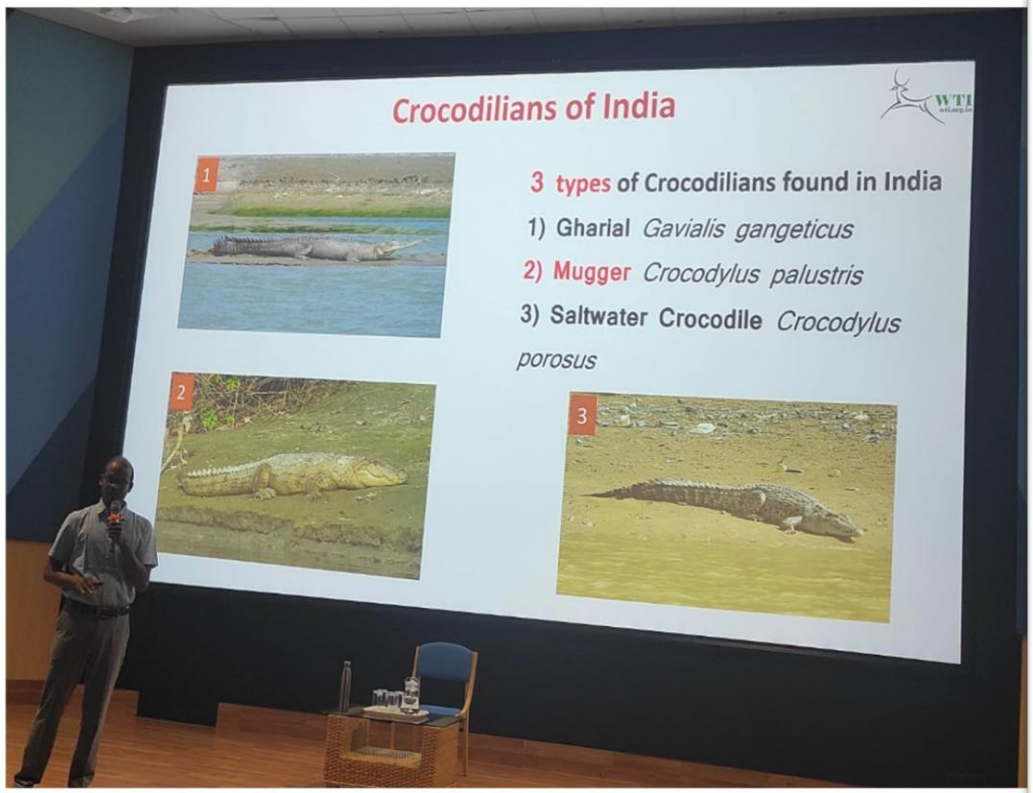
Students of Grades 9 and 10 IGCSE got an opportunity to visit a photography exhibition on different physical features and problems associated with rivers like river basins, deltas, meanders and estuaries.

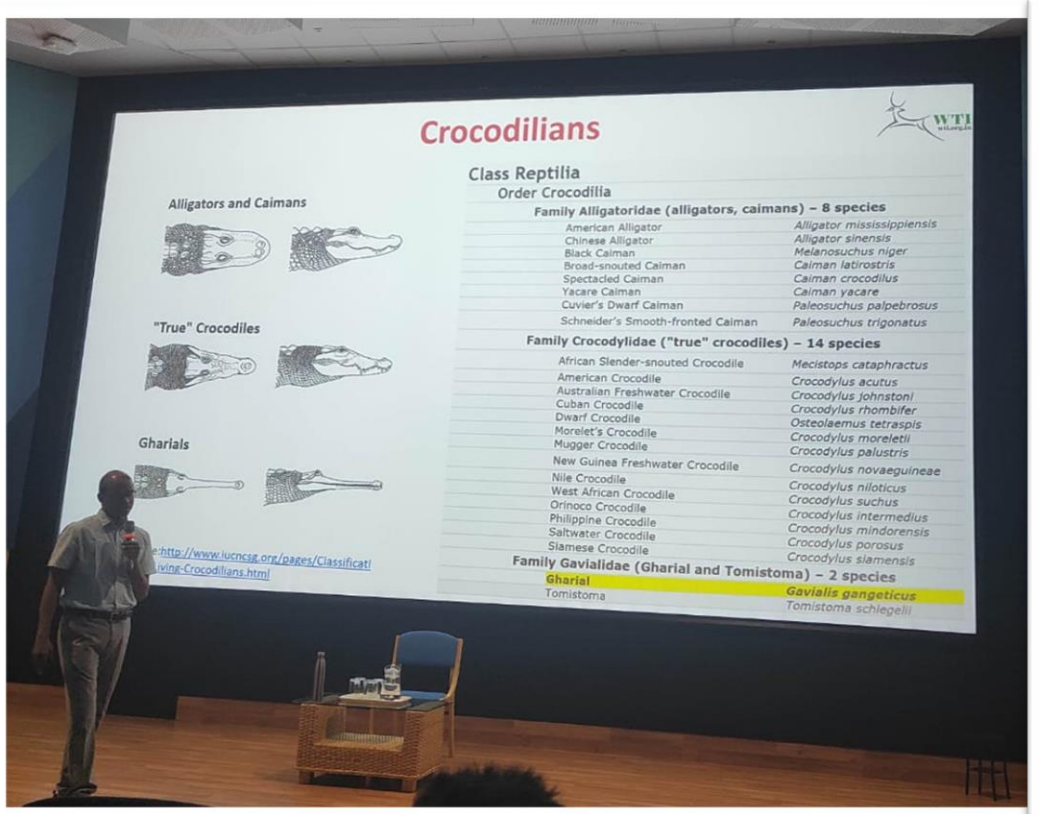
After the Gallery Walk, the students attended a seminar led by conservationist and researcher, Mr Subrat K Behra who has contributed immensely through his field research and projects to increase the Gharials' count in Gandak River, a tributary of River Ganga.



REDMI NOTE 8
AI QUAD CAMERA

Saving Gharial Eggs
WTI
Hatching of Eggs
Transporting Hatchlings
Release of Hatchlings
Hatchlings with Mother
Monitoring Hatchlings


Crocodilians of India
WTI
1
2
3
3 types of Crocodilians found in India
1) Gharial Gavialis gangeticus
2) Mugger Crocodylus palustris
3) Saltwater Crocodile Crocodylus porosus


Crocodilians
WTI
Alligators and Caimans
"True" Crocodiles
Gharials
Class Reptilia
Order Crocodilia
Family Alligatoridae (alligators, caimans) – 8 species
American Alligator — Alligator mississippiensis
Chinese Alligator — Alligator sinensis
Black Caiman — Melanosuchus niger
Broad-snouted Caiman — Caiman latirostris
Spectacled Caiman — Caiman crocodilus
Yacare Caiman — Caiman yacare
Cuvier's Dwarf Caiman — Paleosuchus palpebrosus
Schneider's Smooth-fronted Caiman — Paleosuchus trigonatus
Family Crocodylidae ("true" crocodiles) – 14 species
African Slender-snouted Crocodile — Mecistops cataphractus
American Crocodile — Crocodylus acutus
Australian Freshwater Crocodile — Crocodylus johnstoni
Cuban Crocodile — Crocodylus rhombifer
Dwarf Crocodile — Osteolaemus tetraspis
Morelet's Crocodile — Crocodylus moreletii
Mugger Crocodile — Crocodylus palustris
New Guinea Freshwater Crocodile — Crocodylus novaeguineae
Nile Crocodile — Crocodylus niloticus
West African Crocodile — Crocodylus suchus
Orinoco Crocodile — Crocodylus intermedius
Philippine Crocodile — Crocodylus mindorensis
Saltwater Crocodile — Crocodylus porosus
Siamese Crocodile — Crocodylus siamensis
Family Gavialidae (Gharial and Tomistoma) – 2 species
Gharial — Gavialis gangeticus
Tomistoma — Tomistoma schlegelii

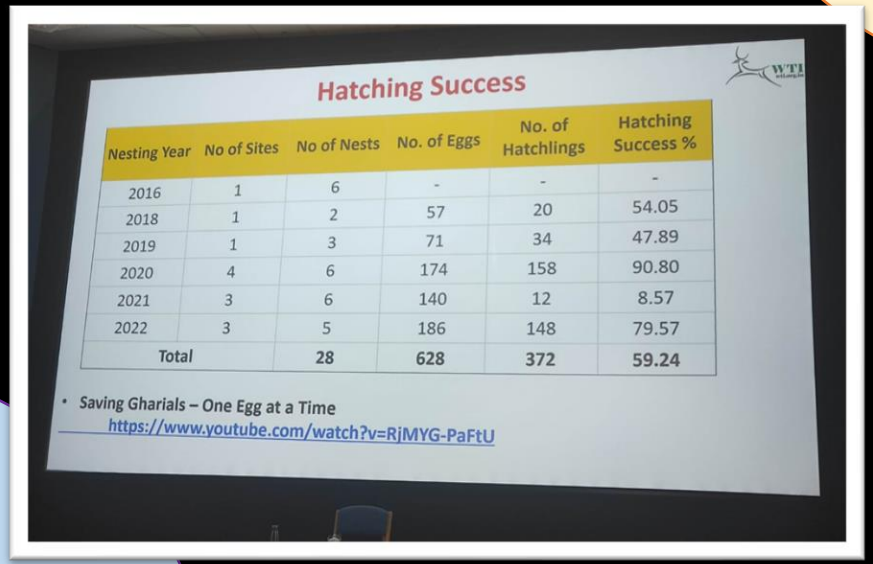
REDMI NOTE 8
AI QUAD CAMERA

It was extremely captivating with the voice of a true professional highlighting the importance of the natural world we live in. The entire Gallery Walk made us feel positive about the world around us!

It was one-of-a-kind experience. I had never really thought about the importance of rivers to animals, especially gharials. The seminar was very interesting, and it made me realise that we need to take serious action NOW.

STUDENT VOICES

Rivers Of Life- Azim Premji University



Nesting Year	No of Sites	No of Nests	No. of Eggs	No. of Hatchlings	Hatching Success %
2016	1	6	-	-	-
2018	1	2	57	20	54.05
2019	1	3	71	34	47.89
2020	4	6	174	158	90.80
2021	3	6	140	12	8.57
2022	3	5	186	148	79.57
Total		28	628	372	59.24

Travelling to Azim Premji was definitely worth it! It was an insightful field trip about the critically endangered Gharial Reptiles and how one man and his group of friends came around to bring the number from 52 to 650. Not only did we learn about a new reptile species, but we also learnt about how we have polluted the basins of India.

The Azim Premji University visit was very interesting. I learnt a lot about the wildlife in India and I got to look at all the beautiful river basins. I also got to know how they saved all the gharials of the Ghandak river. It was a thrilling experience!

VISIT TO 'ICTS' PRISM02: A HANDS-ON EXPLORATION OF EVERYDAY PHYSICAL PHENOMENA

Students of grades 9 ICSE, 9 IGCSE, 11 ISC and AS attended ***Prism02****, a hands-on exploration of everyday physical phenomena. The chief speaker Mr. Kaushik Basu from the University of California, Berkeley engaged the students with various activities. It included topics ranging from static electricity, magnetism to experiencing sound waves by exploring the interference of light waves to create colour and patterns.*

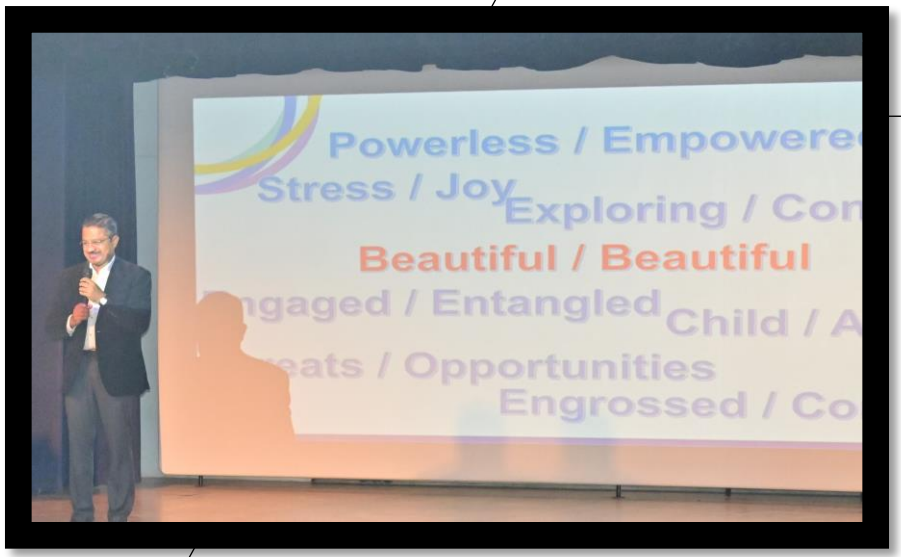
VISIT TO BAPTIST HOSPITAL – THE PHYSICS OF 'MEDICAL IMAGING'

The A Level students had an opportunity to visit Baptist Hospital to observe how learning from their Physics topic on 'Medical Imaging' translated into real life. Students were fascinated to study how the ultrasound image formed simultaneously during a scan. They also got to compare X-ray and CT-scan images of different parts of the body. They even watched an MRI scan on a patient and gained insights on the technology.

The team thanked Dr Asha Thomas, Head, Dept of Radiology and her team at Baptist Hospital for an extremely fulfilling and enriching experience!

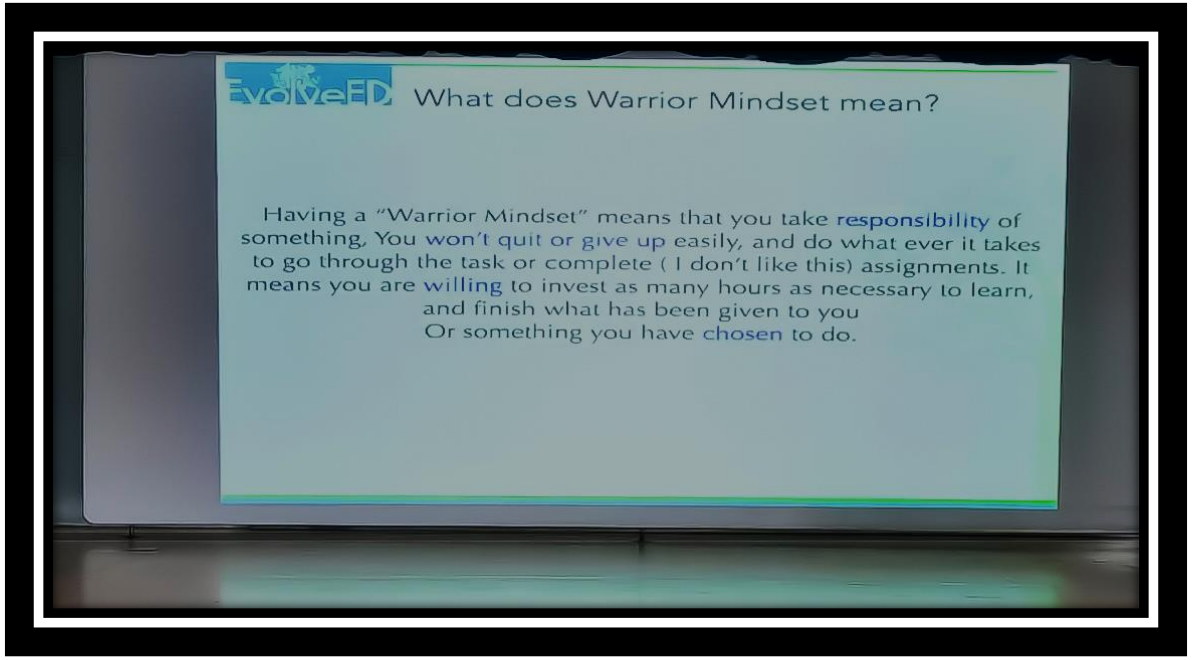
TOWARDS MENTAL WELLNESS – EXPERT TALK

*On **30th November 2022**, an interactive session with Dr. Satish Ramaiah, Medical Director of MAARGA (Unit of PEOPLE TREE Hospitals), Bengaluru, with students of grades 8 to 12 was held on emotional well-being, awareness and understanding of boundaries as well as the need for self-regulation. The session was followed by an absorbing Q&A session!*



Facing Exams With a Warrior Mindset

Students of grades 8, 9 and 11 attended a motivational talk by experienced School Wellness Consultant, Ms. Fathima Asghar, Founder - EvolveED & Awakened Learners Hub on 8th February 2023. They learnt ways to cope with stress, cut off distractions, especially Social Media, and manage time effectively through strategies such as the Ten-Minute Rule and Time Boxing.



EVENTS GALORE @NAFL

NAFL Dialectic 2022

The senior school students witnessed a battle of wits in Crisis Court on 8th October at NAFL Dialectic 2022. There were two teams representing Vishal, Nihal, and Kamal Houses respectively.

Team Russia of Kamal House won the award for Honourable Delegation; Team Ukraine of Nihal House bagged the Outstanding Delegation Award; Team India of Vishal House won the Best Delegation Award; Satdeep S. Nair of Kamal House and Adhya Kaddi of Vishal House earned Special Mentions!

NAFL Dialectic 2022
Senior School
Winners

Team Ukraine

Team India

Team Russia

Kaleidoscope 2022-2023

Terracotta Mural

Clay Workshop
20th and 21st October 2022

Senior school students had a fun-filled day working with clay. The sweet smell of natural clay filled the room as students reveled in expressing themselves through the calming activity.

Unleashing their creative side, they made unique pieces of art which now adorns the school wall as a mural.

INVESTORM - TOWARDS FINANCIAL LITERACY

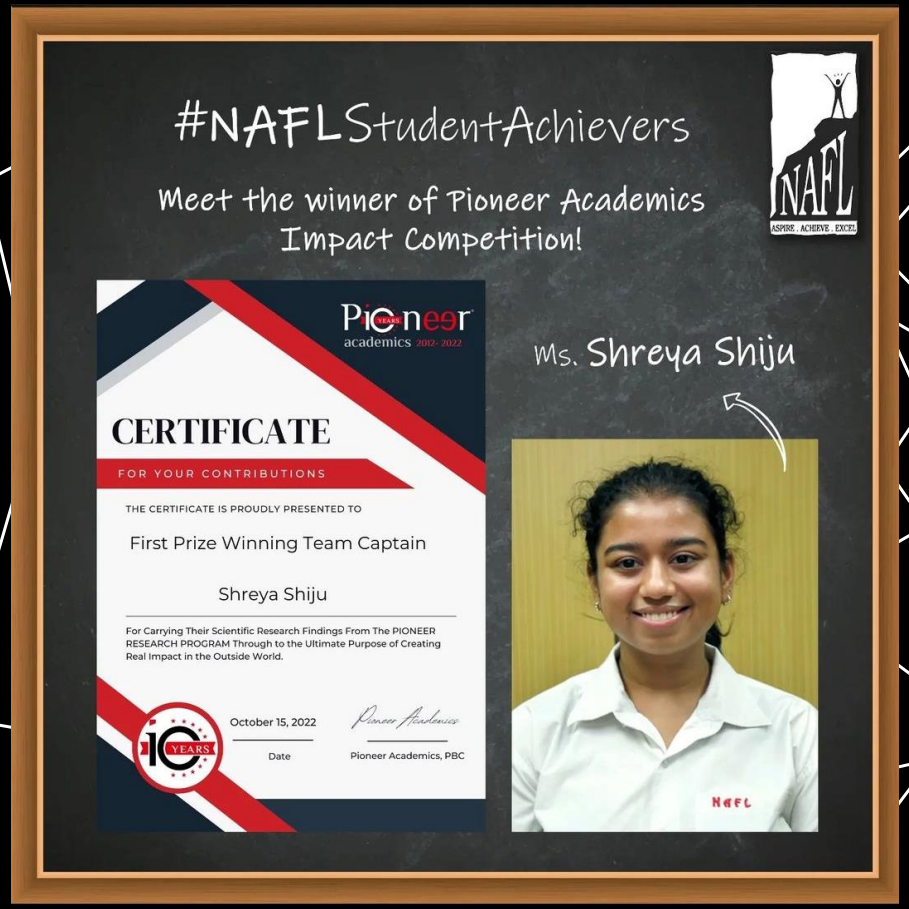
Advay V, Nidhi Gowda, Ananya M, S. Grahesh, Purvi Jain & Parth Jain of 11 ISC, under the guidance of their Commerce teachers, have designed a financial literacy series for students. They launched with an introduction to the stock market and its simulation in December 2022. NAFLers of middle school actively participated in the session and gained a lot of insights into trading and investment.

NAFLERS-ACHIEVERS & COMMUNITY BUILDERS!

Pioneer Impact Research Program- Making a Difference

SHREYA SHIJU entered the Pioneer Academics Impact Competition, a leadership contest where students take their research discoveries from the Pioneer Research Program and turn them into real-world outcomes. She conducted a scientific study on the relationship between salt intake in children and cardiovascular disease in adulthood and spread awareness on the same with her peers from AL, SANDEEP SARAVANAKUMAR, HARGUN KAUR GHAI, ARJUN LOKESH & MIHIKA NIMBALKAR. Their Instagram account @shakeoffthesalt has more than 225 followers and the project went on to win the First Prize of $1000, for creating a real impact in the community. As part of the program, she also wrote a 21-page research paper, currently under review for publishing.

KUDOS, Shreya & Team! You are truly advocates for a cause!



WINNERS OF SOF INTERNATIONAL OLYMPIADS (2021-2022)

Congratulations!

- *ANANYA VINAY, 10A (International Rank 1 in SOF– International English Olympiad)*
- *PRANESH RAGHAVENDRAN, 10IG (School Rank 3 in SOF– International English Olympiad)*
- *V VISHWA, 10B (International Rank 4 in SOF– International English Olympiad, School Rank 1 in SOF– International Science Olympiad)*
- *ROHAN MARBALLI, 10B (International Rank 4 in SOF– International English Olympiad)*

ACHIEVERS-INTERNATIONAL OLYMPIADS: 2022-23

Sanchya Prathish(AL)
Qualified to Regional Round
World GK Olympiad

Esha Shrivastava (AS)
Qualified to Regional Round
Global Economics Olympiad &
World GK Olympiad with Rank 2

Ananya Moolamane(11 ISC)
Qualified to Regional Round
World GK Olympiad

Amogh Raghavendra (9 IGCSE)
Qualified to Regional Round
Global Economics Olympiad

PHENOMENON

*Students of grade 11 ISC participated in '**Phenomenon 2022**', a cultural fest hosted by St. Joseph's Boys High School on 18th and 19th November 2022.*

***VIBHA S VIVEK, KRISHAA DAGA, AADHYA SATNUR, NIDHI GOWDA, RITU BHARAMARADDI** of 11 ISC won the 1st Prize at '3-A–Side Football'.*

***SAMARTH SRIHARI RAO** won the 3rd Prize at 'Air Crash.'*

CONGRATULATIONS!

REGIUM '22 – "Battle Of The Bands"

Our Senior School students won First Place at the music event at Regium, hosted by NPS Indiranagar!

L->R

NIHARIKA KRISHNAN(Vocals)

VISHWA V(Drums)

SIDDHARTH SETHUPATHY(Lead Guitar)

SANCHYA PRATISH (Vocals)

ABHAY SETHI(Vocals & Rhythm guitar)

SHRAVYA SHETTY (Vocals)

ISHTHARA (Keyboard)

ANUSHKA V(Vocals)

Three NAFLers, ***SIDDHANTH ANIL, AYUSH KC AND VAMIKA BHAT*** *from grade eleven innovated the 'Smart Gesture Glove' that uses an Arduino nano chip and Arduino software to convert hand gesture inputs into the computer. Its five-flex sensors placed on each finger changes its resistance based on how the finger bends. The 'Smart Gesture Glove' is a futuristic device that controls several things such as giving instructions to Smart Boards, converting sign language into text as well as supporting differently-abled people.*

Their prototype won the Second Place (and Rs. 50,000!) at the recently concluded Red Bricks Hackathon hosted by Ashoka University!

Congratulations, students!

WINNERS OF IRIS'22

From displaying creative thinking, problem solving to business acumen, strategic moves and fashion sense, our NAFLERS won laurels at a number of events during IRIS'22, an inter-school cultural fest hosted by NPS Koramangala on 28 October 2022. Great work, students!

Advay V, Ananya Moolamane & Nidhi Gowda (11 ISC)

First Prize - Crux

Diya Choudhary (10 IG), Tiaa Shah (AL), Niharika Krishnan(12 ISC B), Tamanna Goel (AS), Esha S (AS)

Second Prize - DeScience - The Fashion Event

Suveena Suresh & Hargun Kaur Ghai (AL)

First Prize - Candora's Box-Medley of Stand-up Comedy & Poetry

WINNERS OF IRIS-INTERSCHOOL FEST

Ayush KC &Sidhanth Anil (11 ISC), Pratha Sharaff (AS)

Second Prize in Mario Kart

Best Overtake- Pratha Sharaff

Sanchya Pratish (AL) and Shravya Shetty (12 B)

Special mention in Actus Reus

Vishwa V (10B), Aditya Mehta (AS) & Rishabh S Rao 10(IG)

Second Prize in Chess

Best Individual Champion in Chess- Vishwa V

Sanjhu Samruthaa Babu and Bhoomika Bai (10 G) & Adhya Kaddi (10B)

Second Prize in Delphic

THERE'S STRENGTH IN NUMBERS!

Purvi S Jain, Samarth Srihari Rao and Satdeep Satheesh Nair of Grade 11 ISC won Certificate of Excellence- Silver Medal category in **The International Mathematics Championship'22** in association with the European Mathematical Society in which more than 800 students from 20+ countries participated.

Congratulations, Well done!

1M1B FUTURE LEADERS PROGRAMME

As part of the One Million For One Billion (1M1B) flagship 'Future Leaders' programme, ANANYA SETH (AS), KEERTHANA R (9 IGCSE) & HRUTHVIK DEEPENDU R (10B) were shortlisted to participate in a three-day event from 14-17 December 2022, at New York to showcase their work at the annual 1M1B Activate to Impact Summit at the United Nations Headquarters.

The summit is a platform for young changemakers to showcase their projects ranging from poverty to unemployment and mental health to wage gap and their impact at the global level.

ANANYA SETH along with her partner presented 'Project Udaan', an initiative that aims to bridge the financial gap for economically backward women by getting them into health insurance and policies.

KEERTHANA's project titled 'Minds Aligned' is striving towards a world with no stigma around mental health and helping people prioritise mental health.

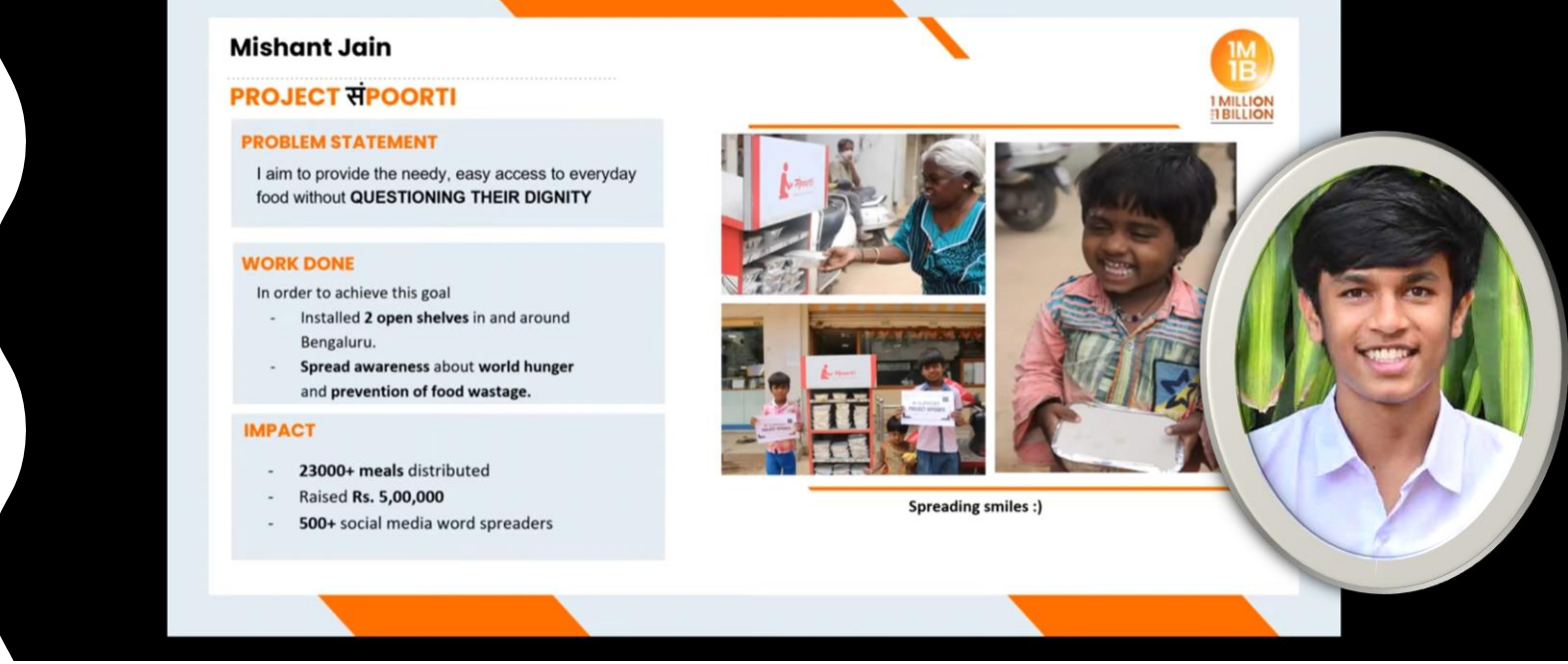
HRUTHVIK's project 'Nayana Prabhe' helps people from low-income backgrounds,, mostly the garment industry, sort out ailments related to the eyes.

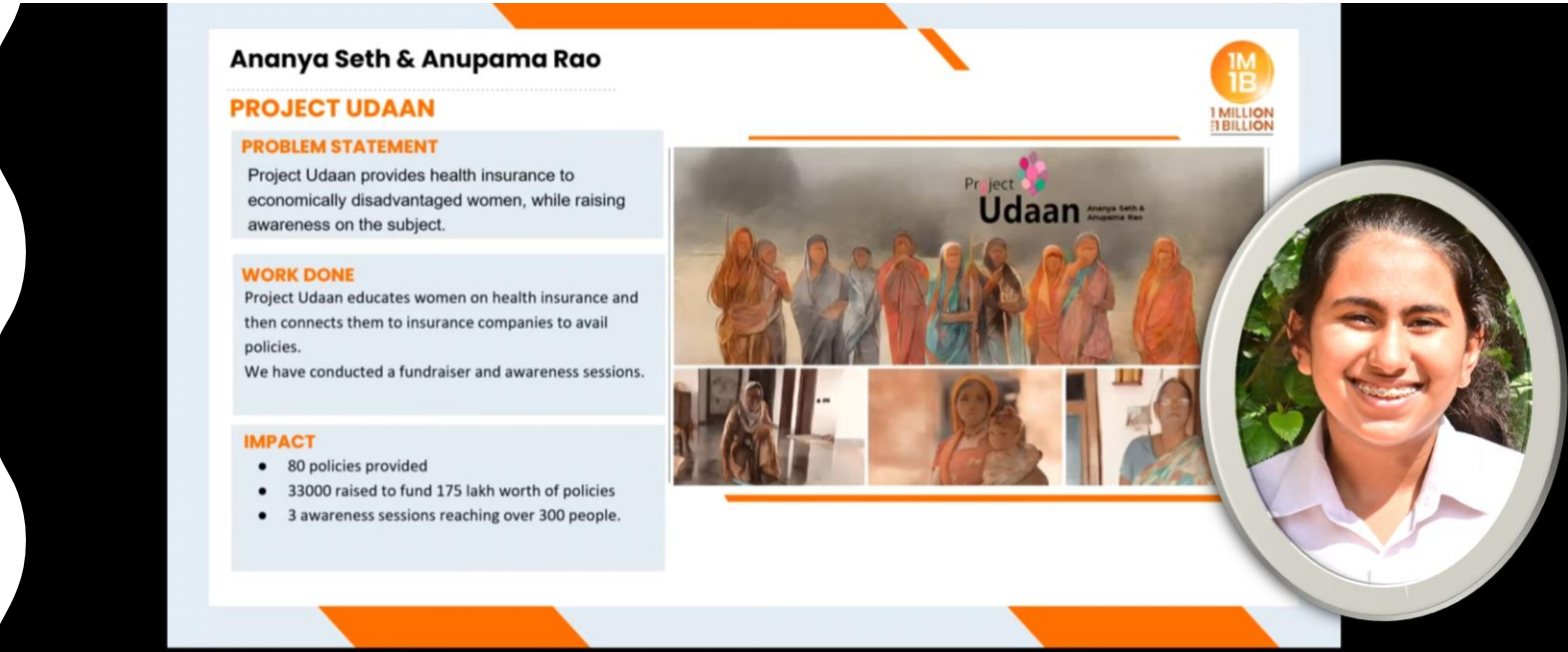
SPREADING SMILES

ANANYA SETH (AS) & MISHANT JAIN (10B) were recognised with the APJ Abdul Kalam Youth Volunteer Awards for their impact in driving change with their IM1B Projects, Project Udaan & Project Spoorti on January 26, 2023.

They were awarded by International We Serve Foundation in collaboration with 1M1B Foundation.

Congratulations, students! We wish you many more positive impacts!





INVESTORM-OUTREACH INITIATIVE

The team then went on to explain personal financial management, budgeting, and investments to government school students, in January 2023 at a government high school in Basaveshwarnagar. This was a data-gathering session to find out more about student spending habits through a game, 'BOUNCE'. They hope to offer more sessions in the coming months. KUDOS, TEAM!

BROWNIE TOWN

ACT OF KINDNESS

During The Chairman's Cup this year, 6 of our students Advay V, Ananya Seth, Grahesh S, Purvi Jain & Ishthara Kiran conducted a bake sale selling over 1000 chocolate brownies to students and faculty to help raise money for Charlie's Animal Rescue Centre. The team raised Rs. 26,000! Well done, students!

SPECIAL OCCASIONS @ NAFL

ROAD TRIP@NAFL

A Wellness Initiative for teachers across NAFL and the NPS Group of Institutions saw our Dean, Dr. Santhamma, our Vice Chairperson, Dr. Bindu Hari and our Associate Director, Ms. Josheta Hari, visit NAFL along with members of the Teacher Training Academy on 28 October 2022.

NAFLTY with a service record of 15 years and above were felicitated by the Board of Governors for their valuable contributions. The teachers also showcased their talent in music, dance, yoga followed by a bonfire on the grounds, and dinner!

A
F

Our most special day of the year at NAFL is CHILDREN'S DAY! The teachers enthralled NAFLers with their foot-tapping performances!

CHILDREN'S DAY!

CHILDREN'S DAY!

NAFL's Senior School Band - Chords on Blue - set the grounds ablaze with their specially curated numbers that had the audience on fire! Children's Day was a one-of-a-kind day, indeed!

DIWALI

DIWALI for Middle School was a festive time with students of Grade 8C, presenting a PAN Asian skit on culture and traditions, a quiz on Indian Mythology and foot-tapping dance numbers.

KANNADA RAJYOTSAVA

KANNADA RAJYOTSAVA was celebrated with festive performances by the students of 7A. A skit on Krishna Devaraya and Tenali Rama showcased the rich cultural heritage of Karnataka. This was followed by a soulful rendition of the popular folk song 'Hacchevu Kannadada Deepa' . The audience learnt about famous places, personalities and dishes of Karnataka in the quiz. The special assembly ended with a folk dance and the State and National Anthems.

MERRY CHRISTMAS!

'It's beginning to look a lot like Christmas,' sang 6C and filled us with the spirit of CHRISTMAS at their Special Assembly!

JUST BE YOU..

The SENIOR GRADUATION CEREMONY was celebrated on 18 January 2023, at NAFL. A total of 50 graduating students from AL and, 12 ISC and their proud parents graced the occasion.

The formal occasion was graced by Members of the Board, DR. SANTHAMMA, DR. BINDU HARI, MR. HARI KRISHNAN and MS. JOSHETA HARI. The Guest of Honour was MS. ANUJA KANDARE , NAFL Alumna. NAFL Principal, Ms. Indira Jayakrishnan, welcomed the gathering and took the Graduants through their Pledge of Honour.

'Just be YOU!' was the theme of the evening!

SENIOR GRADUATION

Republic Day

REPUBLIC DAY

We celebrated Republic Day with great gusto and patriotism! For the first time, we had students from Grades 3 -5 march the School Parade and take the general salute. PY students spoke about India's festivals and national heroes. They also performed a soothing patriotic song.

ACHIEVEMENTS & EVENTS IN SPORTS

THE CHAIRMAN'S CUP 2022

The Chairman's Cup Seniors was held on 20 October, 2022.

The girl's event was won by **NATIONAL PUBLIC SCHOOL, INDIRANAGAR**, *and* **TEAM NAFL** *were the Runners-up! NIDHI GOWDA (11 ISC) from NAFL won the Best Defender Award, RITISHA ANJAN of NPS, Indiranagar won the Best Forward Award and STUTI SANTOSH of NPS, Rajajinagar, won the Best Goalkeeper Award.*

The Senior Boy's event was won by **NATIONAL PUBLIC SCHOOL, KORAMANGALA** *and* **TEAM NAFL** *were the Runners-up! ABHAY ARJUN (11 ISC) of NAFL won the Best Defender Award, NANDIN THAKARE of NPS, Koramangala won the Best Forward Award and YUVRAJ CHOPRA (12 ISC B) of NAFL won the Best Goalkeeper Award.*

THE JUNIORS EVENT WAS HELD ON 21 OCTOBER 2022

The Junior Boy's event was won by TISB and NAFL team were the runners-up.

Mishant Jain (10A) of NAFL won the Best Defender award, Aahan of TISB won the Best Forward award and Kanisk Gupta of TISB won the Best goalkeeper award.

CISCE SWIMMING COMPETITION

RITU R BHARAMARADDI, (11 ISC) won the 200m backstroke, 100m backstroke and 50m backstroke at the CISCE Swimming Competition held at the Basavangudi Aquatic Centre in August 2022 and qualified to the Nationals.

At the CISCE Nationals held in the month of September, Ritu won THREE GOLD MEDALS in the 50m,100m and 200m Backstroke events and a Silver in the 4 x 100m medley event. Ritu also won the Best Swimmer Award in the U-19 Women's Category.

In the month of October, Ritu participated in the TISB Interschool Swimming Competition and won Gold at the 50m Backstroke event. She went on to win two Silver medals, in the 50m Freestyle and 100m Individual Medley events.

SAMYAK KASHYAP (AS) finished SECOND in both the U-19 and Men's category in the Karnataka State Table Tennis Championship held at Malleshwaram, in the first week of December. He qualifies to represent Karnataka in the National Championship Tournament! Congratulations, Samyak!

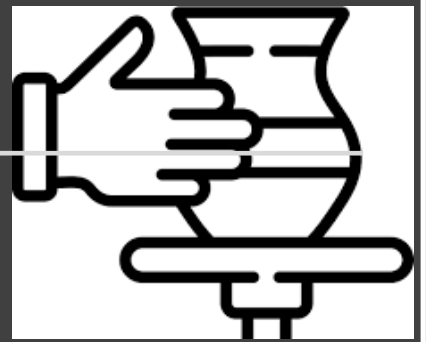
CLASS BUZZ

9 IGCSE

Children's Day

CLAY WORKSHOP

20TH AND 21ST OCTOBER 2022



9 IGCSE

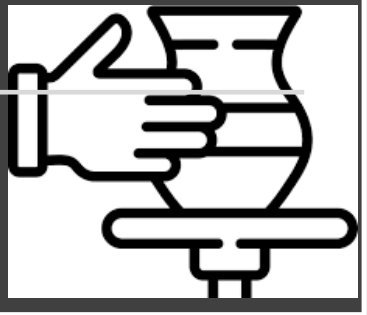
9 IGCSE

Happy Halloween

CLAY WORKSHOP

20TH AND 21ST OCTOBER 2022

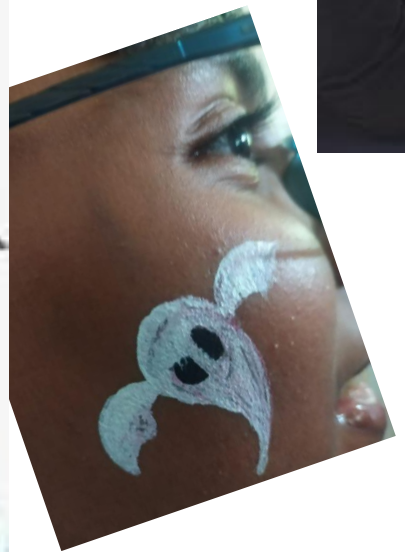
9 ICSE-A



9 ICSE-A

Happy Halloween

Happy Halloween



9 ICSE-B

9 ICSE-B

9 IGCSE
GRADE 9 ICSE B

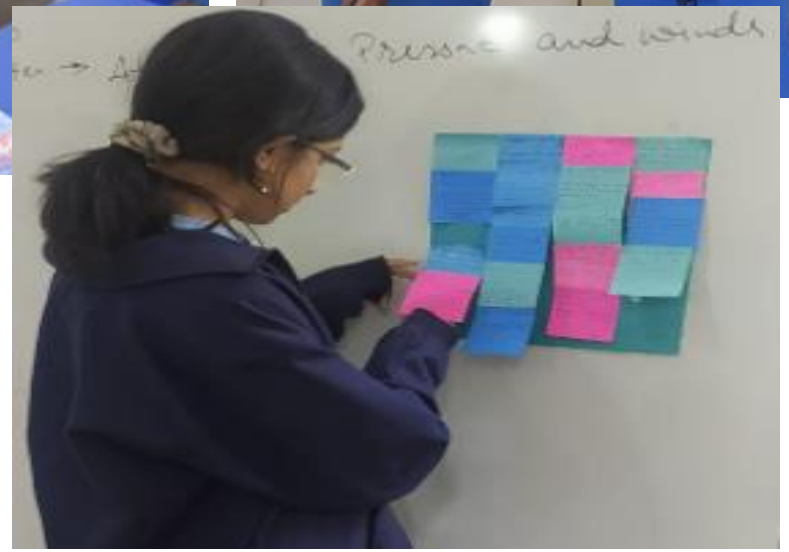
HAPPY
Children's
DAY

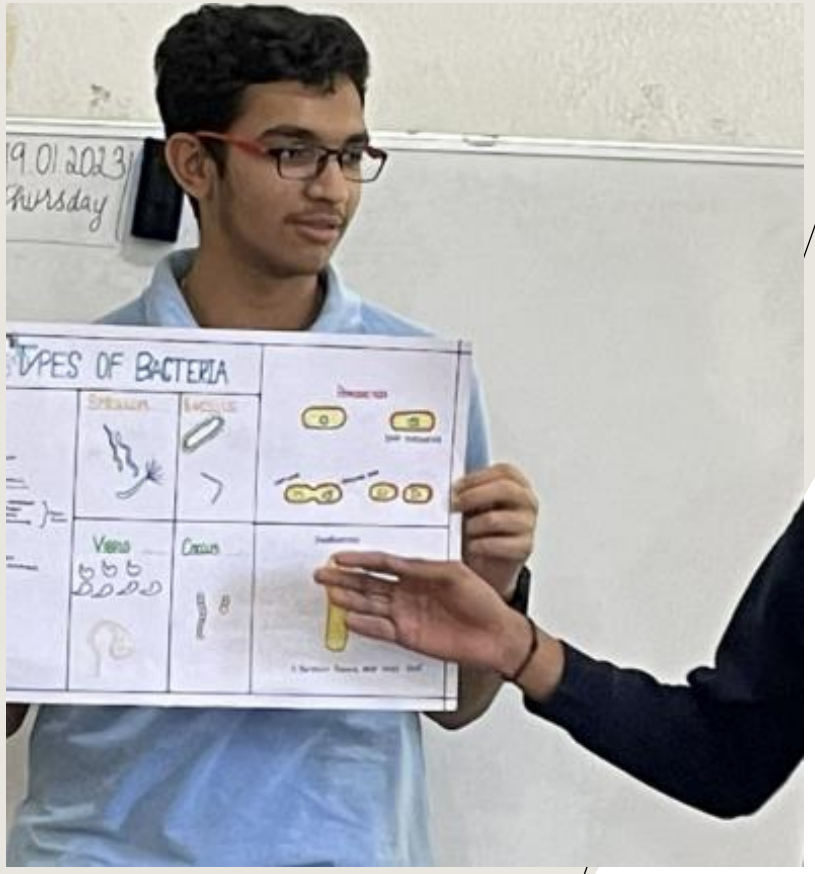
MANY HANDS
MAKE LIGHT
WORK
BE HAPPY

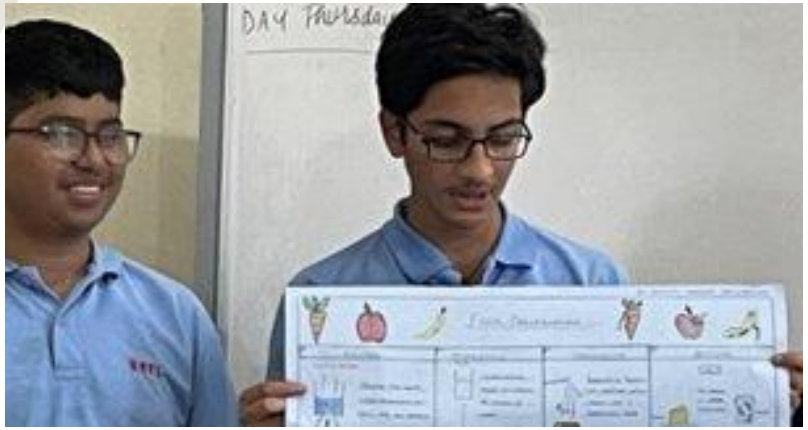
Christmas Fun

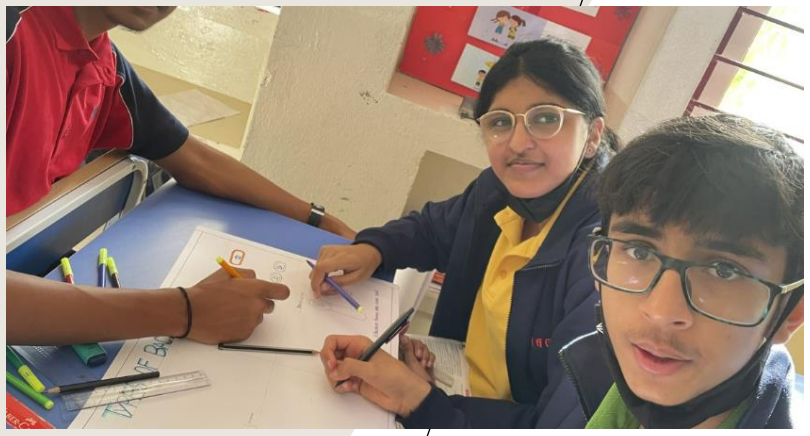
ACTIVE LEARNING-GEOGRAPHY

Students of 9B shared their learning about how Global Warming and movements of ocean currents impact our daily life through collaborative learning strategy followed by a Q & A Session.









Students of 9B expressed their learning about microbes in Biology through a collaborative task. The Active Learning task helped them gain deeper insights into the topic.

9 ICSE A

9 ICSE B

9 IGCSE

With best wishes,

- IGCSE-MS. SINDHU SURESH & MS. VINITHA NAIR
- ICSE A-MR. UMESH N & MS. MANISHA MANDAL
- ICSE B- MS PIYALI BISWAS & MS LIMCY ROSHAN

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