



SADHU VASWANI INTERNATIONAL SCHOOL FOR GIRLS

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SANJEEVINI

Eco Club Newsletter

Reverence for nature will help us to preserve and protect this blessed earth for our children- and our children's children

-Dada J.P Vaswani



MESSAGE FROM THE PRINCIPAL

Dr. Santosh Vyas

G20 theme, 'One Earth, One Family, One Future' affirms the value of human, animal, plant, and microorganisms and their interconnectedness on planet Earth and in the wider universe. Sanjeevini is an extrapolation of the values which govern the notion of ensuring a better tomorrow for the future generations. It is designed to inspire awareness and appreciation of the earth's environment. Likewise the Eco club of our school aims to inculcate 'Green Values' amongst the students whereby they are sensitized through a plethora of activities. Right attitude towards environment should be nurtured in the young minds. It is important that we capture this enthusiasm so that no opportunity is lost to develop knowledge, understanding and concern for the environment through school education. Today, everything is digital and processed but our breath and heartbeat are constant reminders of life's pulsing rhythm that moves around and within us. Let's not forget 'living in sync with nature,' and join hands to create a clean and green consciousness, and instill the same values in our youngsters as they are the ambassadors for environmental protection.



GREEN CAMPUS PROGRAMME AWARD



Our School successfully completed The Climate Project Foundation's Green Campus Programme and received the Award under Gold Category in the year 2022. Twenty-two teachers of our school attended training workshop organized by Climate Reality India in December 2020. This was followed by submission of green campus audit forms by our school team. Auditing was done for six different areas including Air Quality, Waste, Energy, Biodiversity, Water and Climate Change Innovation and the reports were submitted in February 2022. Also two case studies on Rainwater Harvesting and Biodiversity were submitted in April 2022.



It was a great learning experience and inspiration to keep working further for the betterment of environment. Our school was awarded with a Trophy and Certificate during the 4th International Conference on Sustainability Education- ICSE 2022, on 10th September, 2022. We also shared the success story of the projects through power point presentation. Our school now features on the official website of Climate Reality Project, India and South Asia.

CHEETAH AWARENESS PROGRAMME



National Museum of Natural History, Ministry of Environment, Forest and Climate Change conducted this programme in October 2022 to promote the practice of species conservation. The students and teachers took part in the lecture session entitled 'Cheetah Awareness Programme'



MIYAWAKI PLANTATION



Numerous shrubs and trees including Bakain, Harshringar, Karonda, *Furcraea*, *Duranta*, *Vinca rosa*, *Ficus* species were planted in school to promote dense plantation of native species.

INTERNATIONAL BIODIVERSITY DAY

22nd
May,
2023

The International Day for Biological Diversity was commemorated to work towards achieving the Sustainable Development Goals, and our shared vision of “Living in harmony with nature.”

A power point presentation was shared with all the students and teachers which reflected the theme of the year - From Agreement to Action: Build Back Biodiversity. Through the PPT, message was spread by Eco-Club that this year is special in terms of biodiversity conservation, especially with the adoption of the Kunming-Montreal Global Biodiversity Framework, a historic agreement signed in December 2022 that sets goals and concrete measures to stop and reverse the loss of nature by 2050. Students depicted their views by writing slogans and through posters and poems. Eco-club students from primary to senior school enthusiastically participated in the activity.



MISSION LiFE PROGRAMME

LiFE: Lifestyle For Environment

Today, there is a need for all of us to come together and take Lifestyle For Environment forward as a campaign. This can become a mass movement towards an environmentally conscious lifestyle

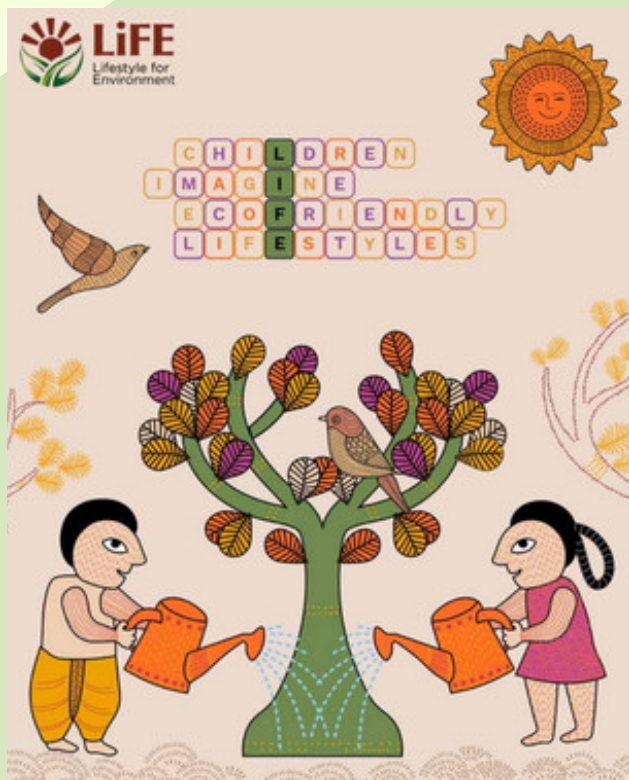
-Prime Minister Shri Narendra Modi

The key idea of Mission LiFE is to promote "**mindful and deliberate utilization** instead of **mindless and destructive consumption**".

Mission LiFE asks people to make small changes in behaviour by becoming 'Lifestyle for Environment' champions. India's traditional lifestyles are inherently sustainable, and we are well positioned to showcase to the world that change at the individual and societal level are key to contributing towards climate change solutions.



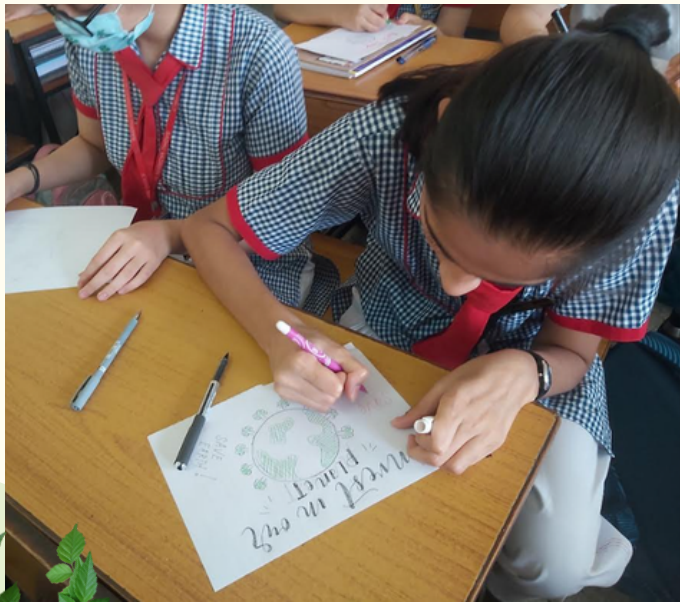
Students, teachers and staff of school contributed in Mission LiFE programme by spreading the message and adopting environmentally friendly habits. Plastic items were collected and sent for upcycling



EARTH DAY

22 Apr, 2023

Earth Day was commemorated in our school on 22 nd April, to spread awareness about environmental protection in accordance with the theme this year- “Invest in Our Planet.”



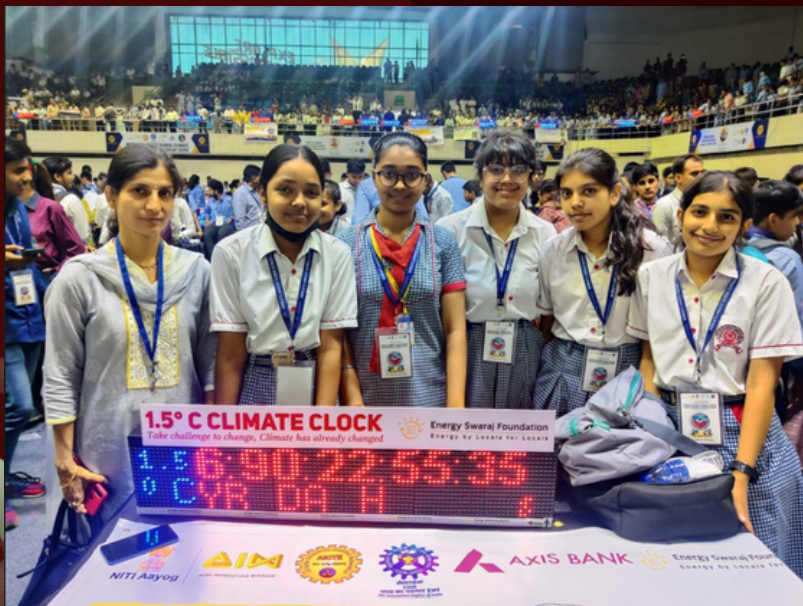
Many activities were conducted including Poster making, slogan writing, poem writing and recitation, essay writing and lectures on “Phasing Out Single Use Plastic”. Pledge was also taken by all the students during assembly to contribute towards creating a plastic free India. Quiz on Plastic Waste Management Act-2016, was conducted to sensitize students about the same. Students from pre-primary to senior school enthusiastically participated in the activities and vowed to pursue the cause of environment.



CLIMATE CLOCK ASSEMBLY



Five students of our school along with the guiding teacher, Ms. Yamini Bisht participated in the World's largest global climate clock assembly and display event on 22nd April, 2023 to commemorate Earth Day. The event was organised by ENERGY SWARAJ FOUNDATION in collaboration with ATAL INNOVATION MISSION (NITI AAYOG), AICTE and CSIR.



It aimed to provide a platform for the young minds to explore and create. The students were given hands-on training to assemble a climate clock using a DIY kit. They also got the opportunity to gain more information about climate change and renewable energy,

and motivation to spread awareness about the same and sensitize people about urgency of climate action. They also took part in energy and environment quiz. Students were inspired to make more conscious efforts towards climate action to mitigate the undesirable effects of climate change. The climate clock is now displayed in our school, constantly reminding us to act before the deadline of 6 years to prevent the undesired rise in Global Mean Temperature by 1.5 degrees.

JAN JAGRUKTA ABHIYAAN



'Jan Jagrukta Abhiyaan' on Yamuna cleaning organised by Department of Environment, Delhi Government for Eco club in-charges and students was attended by Ms. Deepti Sharma, Ms. Yamini Bisht and two senior school students. This event was organised at Chhat Ghat, Yamuna river on 17th May, 2023. Students wrote slogans on the topic 'I Love Yamuna.'

The campaign encouraged students and teachers to participate in cleaning activities and increase the green cover on the river banks. Students and teachers pledged to keep the Yamuna river clean and contribute towards preserving the sanctity of this sacred river, which sustains a vast ecosystem within the city.



PLANTATION IN YAMUNA FLOODPLAIN



The perfect time to plant a tree is now, as goes the Chinese wisdom. Educators in this regard, have a great social responsibility to accomplish as they connect the present to the future and what better way to care for the future than to expand the green cover of the earth. The Honourable Chief Minister of Delhi, Mr. Arvind Kejriwal invited the stake holders of the planet to shoulder the responsibility of the future by planting trees along the banks of the river Yamuna. It was carried out with much zeal and dedication.



WORLD ENVIRONMENT DAY

5 June, 2023

World Environment Day was commemorated by sensitizing students about the impact of behavioral change in the environment in accordance with the theme save energy, save water, say No to single use plastic, adopt sustainable food systems, adopt healthy lifestyles, reduce E-waste and water waste.



The celebration of World Environment Day by Department of Environment at Tyagraj Stadium was attended by the Eco-club Incharge Ms. Deepti Sharma and two students on 5th June, 2023.

LiFE knowledge material was shared with students. Plastic cleanup campaigns were organized, poster making and slogan writing on the topic "Solutions to Beat the Plastic Pollution" were also organised.

Annual ECO MEET

2022

Annual Eco-meet was organized by the eco-club of our school on July 28, 2022, to commemorate World Nature Conservation Day. It aimed at developing a positive attitude towards nature and its gifts, and spreading awareness about the importance of sustaining the environment.

The Eco-clubs of neighbouring schools were invited for the meet. Several schools across Delhi, participated in the event.



The programme started with the release of the third edition of our Eco-Club Newsletter- 'SANJEEVINI', by the School Principal, Ms. Santosh Vyas. The Principal, in her address lauded the efforts of schools, and children in particular, in taking up the cause of the environment. Various activities were organized for the event, which included a play on renewable and non-renewable energy resources, a quiz on Delhi's flora and a video on climate change.



Annual ECO MEET

2022



An activity on naming the plants was conducted, using google lens, in which the teachers and students of Eco Club schools could scan and retrieve information and learn the scientific names of that particular plant.

On display, were several posters on 'Say No to Single Use Plastic.' Project work by students on 'Sustainable Practices for Sustainable Future' and a 'Bartan Bhandar' as alternative to plastic/thermocool/paper glasses and mugs.

During the 'Van Mahotsav' week in July, saplings procured from the Government nursery were planted. A few were distributed to the participating eco-club members.

The students and teachers participated in all the activities enthusiastically and vowed to pursue environment-friendly practices in their schools and society, so as to forge a sustainable future.



G20: FOSTERING GLOBAL COOPERATION FOR A SUSTAINABLE FUTURE

The Group of Twenty (G20) is an international forum bringing together the world's major advanced and emerging economies. Founded in 1999, the G20 plays a crucial role in promoting global economic cooperation and addressing pressing challenges facing humanity.

Comprising 19 individual countries and the European Union, the G20 accounts for approximately 85% of the world's GDP and two-thirds of the global population. Annually, the G20 leaders gather to deliberate on critical issues such as financial stability, trade, poverty alleviation and *climate change*.



BY: AKANSHA SAHA 12A

GREEN DEVELOPMENT VS SUSTAINABLE DEVELOPMENT

<u>Green Development</u>	<u>Sustainable Development</u>
<ul style="list-style-type: none">• Going green means using environment friendly products and services.	<ul style="list-style-type: none">• Sustainability means using products or services in a way that does not damage the future generations' resources.
<ul style="list-style-type: none">• It focuses on the conservation of environmental resources.	<ul style="list-style-type: none">• It focuses on meeting the needs of current and future generations.

BY: ASTHA ARYA 12A

The Earth- Mysteries Unfolding

In the realm of Earth, a tale unfolds,
A saga of nature's secrets, untold.
Amidst the seasons' dance, a shift unseen,
The specter of change, a world in between.

Once, harmonious rhythms swayed the land,
In nature's embrace, life's vibrant band.
But shadows loom, a darkened haze,
As the symphony wanes, in troubled days.

Oceans rise, glaciers retreat,
A planet in distress, a rhythmic beat.
Glaciers weep, their tears cascade,
In silent lament, their destiny laid.

Forests weep, their green hearts ache,
Their whispers lost, a plea to take.
For greed has crept, a tempestuous storm,
In heedless strides, the world forlorn.

In smoky skies, the sun obscured,
The breath of life, the air impure.
A toxic dance of carbon's art,
Affects the core, Earth's beating heart.

Creatures great, both wild and free,
Their habitats lost, no sanctuary.
In shrinking lands, they make their stand,
Against the odds, they make their demand.

Written by

VAANYA ANAND BAJAJ

12 - A

Yet, hope survives amidst despair,
A chance to heal, to show we care.
With every choice, a chance to mend,
To stand united, hearts to tend.

In unity, we find our strength,
To change the course, to go the length.
To mend the wounds, reverse the
plight,
And let Earth's beauty shine with
light.

Let's heed the call, embrace the quest,
To safeguard the home we're blessed.
For in this tapestry of life,
We hold the power to end the strife.

So let us rise, with spirits bold,
In unity, we can unfold.
A future bright, where we arrange,
A world reborn, where climates
change



PLEASE, NO PLASTIC

How can I accustom my eye
To the contaminant
Omnipresent
A reminder of disgrace
An announcement of apocalypse

Plastic lies in the forest weeds
It floats in every blackened stream
Plastic rubbishes every monument
Inescapable, its grasp
From roads and streets and mud and grounds

It kills slowly
Chokes the cattle and fish
Collects in major organs in micro size

I do not want to desecrate the planet
So I pick up the wrapper and polythene from
precious grounds
If everyone did the same , we could start
healing.

Written by

SARANYA SRIDHAR 12D



Written by

NOHI CHUGH 11C

A

animals, plants, fungi, and microorganisms
make up our natural world.

They maintain balance and support life in an
intricate hold.

Each of these species and organisms work
together.

Be it animals, insects or birds of feathers.

Biodiversity supports everything in nature.
It is essential for the survival of every creature.
It provides food, water, medicine, and shelter.
But now everything is helter skelter.

Without biodiversity, our entire support
system would collapse.

We should act fast or perish perhaps.
Biodiversity hubs are facing human pressures.
We have to pledge and adopt some corrective
measures.

THE UNITY IN BIODIVERSITY

Beautiful Earth: Ignorant We

Oh how pretty our earth is! Vivid wildflowers and blue rivers weaving their way through the landscape. The majestic mountains and their snow-capped peaks reaching the heavens. From the elegant grace of a peacock to the playful personality of a dog, our nature is filled with wonder. But, oh! The people inhabiting it; turning a blind eye to their relentless actions; harming their own mother Earth while ignoring the consequences. Why so? Is it because we are very self centred? Though I suspect that people do not know about the effects of climate change.

It's ironic, isn't it? We are entirely dependent on the very ecosystem we are harming. Yet we exploit natural resources for short-term gains, often overlooking the long-term consequences of our actions. We are technically contributing to the reason that is responsible for our extinction! People have to recognize the urgency to change their practices before damage, which is irreparable, is done. The earth is slowly dying at the hands of those who depend on it so much. Is it really fair that the earth gives and gives us and we just take and take?

10 - C

Written by

Mahima Dutta

WATER FOOTPRINT

Shristi Shukul 12-A

Water is a finite resource essential for life and the planet's sustainability. As the world's population continues to grow, so does the demand for water, putting considerable stress on available freshwater sources.

The concept of water footprint was introduced in 2002 by Professor Arjen Hoekstra as a means to address the growing concerns of water scarcity, unsustainable water use, and the environmental impact of human activities on water resources. Water footprint has emerged as a vital tool in assessing the impact of human activities on water resources. It is a metric that measures the total volume of freshwater used directly and indirectly to produce goods and services consumed by an individual, community, or business. Understanding the water footprint is essential in addressing the global water crisis and striving towards sustainable water management. By quantifying water usage and identifying areas for improvement, individuals, businesses, and governments can collectively work towards conserving water resources, reducing water scarcity, and promoting a more water secure future for the planet.



CREDITS

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