

Phase 2

YEAR OF SUSTAINABILITY



The year 2023, marked as the year of sustainability

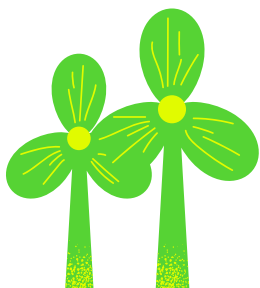
President His Highness Sheikh Mohamed bin Zayed Al Nahyan has announced that 2023 will be the "Year of Sustainability".

The "Year of Sustainability" will include several initiatives, activities and events that draw upon the UAE's deep-rooted values of sustainability and the legacy of its founder, the late Sheikh Zayed bin Sultan Al Nahyan. It will also focus on environmental sustainability by inspiring collective action through a nationwide commitment towards sustainable practices, in line with the UAE's national strategy, bringing together everyone who calls the UAE home to work towards a prosperous future.



"Today For Tomorrow"

His Highness added, "Today for Tomorrow embodies the UAE's approach and commitment to sustainability and its responsibility to protect the future. By working, making efforts and initiating actions today, we are ensuring that we leave behind a legacy of stewardship for future generations, just as our ancestors did for us."





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Primary Department activities for the Year of Sustainability

Sustainability lies at the heart of TIAD! Managing energy & waste in an efficient Eco-friendly manner.

'Smart Cara Food Waste Disposal Unit for A Better Tomorrow'

Compost is a solution for future sustainable waste disposal by reducing organic waste at the source. This composting system which TIAD implemented is designed to facilitate and accelerate the natural decomposition of organic waste materials, such as food scraps, yard trimmings, and other biodegradable materials.



The objective is to compost organic waste, allowing individuals or organizations to reduce their environmental impact, divert waste from landfills, and produce nutrient-rich compost for soil enrichment. The Sustainable Development Goal (SDG) that aligns with managing energy and waste in an efficient and eco-friendly manner is SDG 7 Affordable and Clean Energy and SDG 12: Responsible Consumption and Production.



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Primary Department activities for the Year of Sustainability

EEG's Environmental Drawing Competition

EEG has been rolled out to foster creativity in the minds of the young generation and to maximize awareness of sustainability issues, guiding the students toward developing a sense of care and respect for the environment. The students of TIAD participated in the competition and bagged laurels. Congratulations to the winners of the EEG's Environmental Drawing Competition 2023! We are so impressed with the creativity and environmental awareness. Your drawings are a great reminder of the importance of protecting our environment. The Sustainable Development Goal (SDG) stamping is **SDG 15: Life on Land**.





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Primary Department activities for the Year of Sustainability

Integrating Math and Sustainability- Designing a Sustainable City

At The Indian Academy, we strive to provide our students with holistic and engaging educational experiences. In a unique and innovative approach, our students have combined their creativity, sustainability values, and math skills to design a sustainable city. By incorporating math concepts into the planning process, they not only learn mathematics in a practical and exciting way but also promote environmental consciousness and sustainable practices.

The project of designing a sustainable city allows our primary students to apply math concepts to real-life scenarios. They explore topics such as measurement, geometry, scale, data analysis, and problem-solving as they create and calculate dimensions for buildings, parks, roads, and other infrastructure.



By connecting math with sustainability, students understand the practical applications of mathematical principles and see how it influences the world around them. SDG aligns with the project **SDG 11: Sustainable Cities and Communities**.



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Primary Department activities for the Year of Sustainability

Electronics Recycling Drive

At The Indian Academy, we believe in nurturing the next generation of environmentally conscious individuals. To instill a sense of responsibility and engage our primary students in sustainable practices, we have initiated an inspiring program: E-Waste Collection. This initiative empowers our young environmentalists to actively contribute to the preservation of our planet by collecting electronic waste, or e-waste, and promoting its proper disposal and recycling. The Sustainable Development Goal (SDG) that aligns with an Electronics Recycling Drive is **SDG 12: Responsible Consumption and Production**.

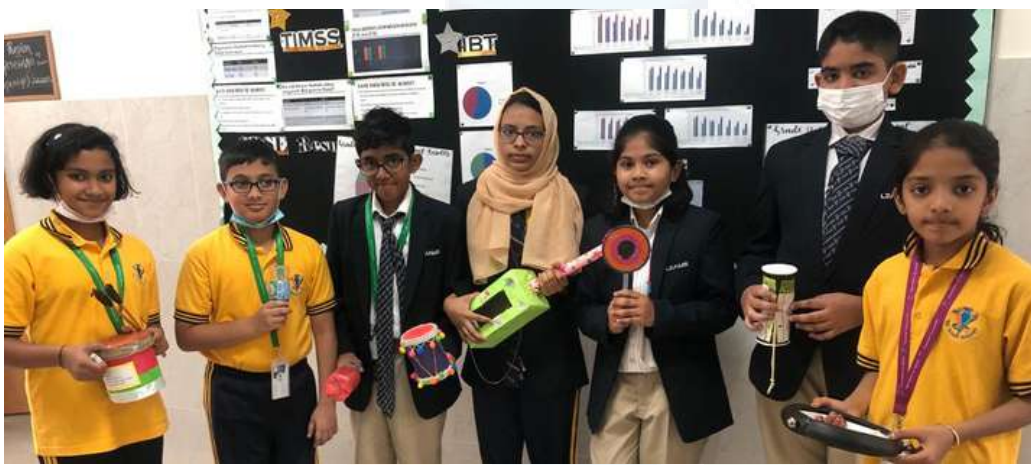




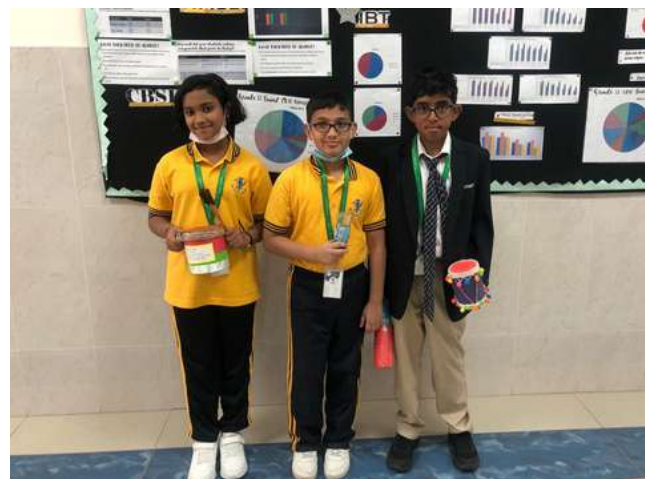
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Musical instruments using recycled materials



The concept of sustainability has gained significant traction across various areas, including the arts. One fascinating and innovative manifestation of sustainability is the creation of musical instruments using recycled materials. This eco-friendly approach not only helps reduce waste but also promotes creativity and resourcefulness in the realm of music. By repurposing discarded materials, TIAD design makers proved that sustainability can harmonize beautifully with the world of music. Our Musicians will soon be using these instruments during their music sessions. SDG aligns with the project **SDG 12: Responsible Consumption and Production**.





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Unleashing Creativity: Designing Sustainable Carpets

At The Indian Academy, we firmly believe in instilling environmental consciousness and sustainable practices in our students from a young age. In line with this vision, our primary students have embarked on an inspiring initiative to create carpets using recycled materials. By harnessing their creativity and incorporating eco-friendly practices, these young minds are not only reducing waste but also promoting sustainability in a tangible and beautiful way. Unleashing Creativity: Designing Sustainable Carpets is aligned with **SDG 12: Responsible Consumption and Production**.



Primary Department activities for the Year of Sustainability

Going Eco-logic

In today's world, where environmental concerns have become increasingly pressing, it is essential to foster a sense of environmental consciousness and sustainability among the younger generation. One remarkable initiative that showcases the potential of students in addressing these challenges is Ecologic, an environment-based assembly created and organized entirely by students. The goal was to make students aware of the SDG goals and how they are implemented at TIAD! SDG stamping for going eco-logic is **SDG 13: Climate Action**.





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Nature walk-Lesson integration to sustainability

Going on a nature walk and deliberately noticing things encourages children to observe with all their senses. The Indian Academy enhances teaching and learning by focusing on the integration of Sustainability in all walks of school procedures. Children can learn to focus their attention and take in the details of things around them. We provide Nature Walks to the students to share a peaceful, reflective experience for you and your children.



SDG Stamping: - **SDG 4- Quality Education** - A nature walk can be an effective tool for providing experiential and hands-on learning opportunities for students, helping to enhance their understanding and appreciation of the natural world.





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'Invest in our Planet'-Say no to plastic

The Indian Academy, Dubai, celebrated a day to remind the students of their duties towards 'Mother Nature.' As a part of environmental education, the school Primary Section initiated the students to engage with the environment in making a difference on the theme of the year 'Invest in our Planet'.



Children learned the importance of preserving the planet earth through activities. Students expressed their views by making short speeches on 'Say No to Plastic' and the 'conservation of environment'.

Students of the Eco club have given an awareness campaign in the classes, staff and the parent community to make them aware of the need for everyone to put together their efforts and get into action, in protecting our environment. SDG stamping: SDG 14 & 15: A major threat to marine and terrestrial living beings.

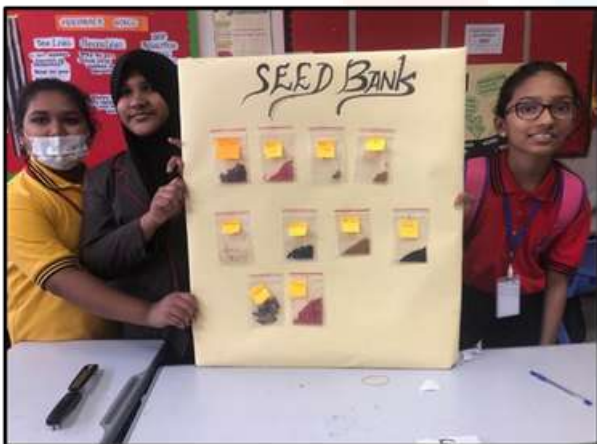




Primary Department activities for the Year of Sustainability

Seed Bank

Students of the eco-club have taken the initiative to start a Seed Bank in the school by collecting a variety of fruits and vegetable seeds. The main objective of establishing the seed bank is to spread knowledge about agriculture and gardening among the new generation and to instill learning among the students regarding the importance and significance of varieties of seeds and how to preserve it.



The seeds are used for school gardening. We have stamped Seed bank to SDG 12: Responsible Consumption and Production, and SDG 15: Life on Land.



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Clean campus initiative

Clean Campus promotes Hygiene, it improves hygiene levels on school premises and also helps to reduce the spread of sickness, maintaining a clean college environment sets a good example to students. Cleanliness encourages learners to take pride in their school, which makes them less likely to drop litter and as such, they will potentially make a bigger effort to maintain their environment.

The Indian Academy, Dubai has organized a Clean Campus campaign to educate and promote civic sense among the student community. Eco Club students went to the classes and were briefed about the importance of the cleanliness of the campus. Students were advised not to litter garbage on the school premises, which is very unhygienic for all of us. They urged to make the school campus & classrooms a beautiful place for one and it makes individuals healthier when the environment around them is healthy. SDG Stamping: Sustainable Cities and Communities-SDG 11 and Quality Education: SDG 4.





Primary Department activities for the Year of Sustainability

Food ATM-Feed a Stomach

'If you cannot feed a hundred people, feed just one'

With an aim to be the part of UAE Zero Hunger initiative, The Indian Academy, Dubai is contributing towards a bigger change in society by providing food to the support staff of the school for the past 3 months. The school has placed a food ATM that has been set up by the students of the primary section and teachers of the school.



The activity aims to teach the children that, lending a feeding hand does not just benefit the recipient, it benefits the donor by improving their physical, psychological, emotional, and spiritual well-being. The Food ATM-Feed a Stomach initiative can be connected to the Sustainable Development Goals (SDGs), including: Zero Hunger (SDG 2) and No Poverty (SDG 1).



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Energy is precious, save it



Eco Club students of Gr 5 are geared up to remind us that 'our mind is our greatest power. Use it well. They have made an Awareness campaign by Grade 5 students in the Primary classrooms on "Energy Conservation".



They even ensure to check all the classrooms before they leave to ensure everything is switched off. They appointed Eco Leaders in all classrooms to support their cause. They ignite the young mind to Build life skills to prepare them for the future.



Primary Department activities for the Year of Sustainability

Save Soil Movement

It was an honor for The Indian Academy, Dubai to host a webinar on SAVE SOIL MOVEMENT initiated by ISHA FOUNDATION collaborated with Conscious Planet, India, which is a global movement launched by Sadhguru to invoke a conscious approach to save soil and our planet. Already, thousands of eminent figures, including scientists, celebrities, policy experts, and even heads of state are coming together for this common goal to restore soil health and rekindle our bond with Mother Earth. The awareness session was conducted on 26th May 2022 where the members and volunteer students from the ISHA Foundation interacted with the students and highlighted the importance of this movement and how and why the 'SAVE SOIL' has become a global movement.

The students, teachers, and parents of The Indian Academy, Dubai attended the webinar. They were involved keenly in the Q&A session at the end of the webinar. It was indeed a very informative and eye-opening session where everyone understood the importance of protecting and nurturing our Mother Earth and soil for a better tomorrow. Students reflected on their vast insight, experience, and knowledge on the topic and emphasized the importance of saving soil. The Save Soil movement is connected to the SDGs: SDG 12: Responsible Consumption and Production, SDG 15: Life on Land, and SDG 6: Clean Water and Sanitation.



Primary Department activities for the Year of Sustainability

Project- Solar Cooker



The solar cooker project was done by grade 5 students to introduce students to the concept of renewable energy and sustainable practices. The objective is to build a simple solar cooker using readily available materials like cardboard, aluminum foil, and plastic wrap, and to test its effectiveness in cooking food.

Students learned how solar cookers work, the benefits of using renewable energy, and how to measure and record data to evaluate the success of their solar cookers. Through this project, students will develop problem-solving skills, teamwork, and an appreciation for the importance of environmentally friendly practices. **SDG Stamping::** SDG 7: Affordable and Clean Energy, SDG 3: Good Health and Well-being, and SDG 13: Climate Action.





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School Gardening

School gardening is a wonderful way to connect students with nature and teach them about the importance of sustainable food production. Eco Club members of the Indian Academy have been taking the lead in this movement by promoting and supporting school gardening initiatives.

The activity provides an excellent way to teach students about the environment, healthy living, and sustainability. It is a wonderful opportunity for students to connect with nature, learn new skills, and develop a sense of responsibility towards the earth. **SDG Stamping: SDG 4: Quality Education, SDG 15: Life on Land, and SDG 13: Climate Action.**





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Eco Entrepreneurship

Every day is different in school and our students made it a fabulous one by creating a flea market in the primary corridors!!

Our Eco Club members promoted sustainable living and raised awareness about environmental issues among their peers and the entire school community on the day. The objective of the sales was to offer environmentally-friendly products that promote sustainable living while also raising funds for the Eco Club's activities.



The initiative was a part of school Friday vibes which aim to boost their entrepreneurial skills and also to step out of their classrooms and engage with nature.



The activity was a great way for Eco Club members to promote sustainable living and raise awareness about environmental issues, so they can make a real difference in their school and community. SDG Stamping:: SDG 12: Responsible Consumption and Production, SDG 15: Life on Land and SDG 8: Work and Economic Growth.



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.Roots and shoots-collaboration with External Organizations

Roots & Shoots, UK was founded by Jane Goodall, DBE to bring together youth from preschool to university age to work on environmental, conservation, and humanitarian issues. The organization has local chapters in over 140 countries with over 8000 local groups worldwide that involve nearly 150,000 youth, operating through schools and other organizations.

The school has taken membership in the organization to join hands to stand for sustainability. Students of The Indian Academy, Dubai proudly joined with the initiatives of Roots and Shoots, and the school has been invited as a guest to attend their Annual Award Ceremony, held at World, Expo Centre, Dubai on 26th January 2023. The Indian Academy has been honored by the organization on the day and, Devapriya of Grade 7 and Arjun Sridhar of 5C were awarded, a token of appreciation along with School accreditation.

