

'Al Aibtikar Tahadiy'

Student Names -

- Muhammad Jaasim (Grade 12)
- Parnika Kandhimalla (Grade 11)

Category - Senior

SDG : Goal 12: Responsible Consumption and Production
Goal 13: Climate Action
Integration with **COP28**

Project Summary:

CarbTrkr

Track, understand, change: the key to a greener you.

Objectives :

- Create a positive lifestyle of reducing CO₂ emission.
- Achieve progress towards SDGs 12 & 13 and integration with COP28.
- Develop effective communication and collaborative work skills.
- Opportunity to practice creativity and innovation.

Skills Addressed :

- Learning and problem solving.
- Collaboration and Communication
- Independent Learning
- Creativity
- Leadership
- Digital competency
- Global awareness

Opportunity :

- To create a positive lifestyle among students, teachers and faculties, promoting means to identify and reduce their carbon footprint through effective tracking.
- Identify global solutions for limiting global temperature rise.

Competitive Edge :

"CarbTrkr" is students led online Web Application to promote Healthy lifestyle conscious projects at school thereby creating a community of like-minded people inspired by 'SDG' towards humanity and environment.

It has been developed as a part of **Student Social Responsibility (SSR)** Project at Mayoor Private School.

P
R
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Principal



SLT



Teacher



Parent / Student

Create Account

View Analysis

Create Account

View Analysis

Send Message

Create Account

Add data

View Analysis

Create Account

View Analysis

Auto Analysis-

1. Section wise
2. Grade wise
3. Class wise
4. Student wise

System Maintenance

Documentation



System Admin

1. Amount of carbon footprint

2. Travel / Waste / Electricity Logs

3. Class wise score and events

1. Individual and child(ren) report

Earth Day

From: 19/11/2023, 02:00:00 am

Till: 20/11/2023, 11:30:00 pm

Events

Description Leaderboard

Earth Day Celebration: Green Champions Unleashed! 🌱

Join us for an unforgettable Earth Day event dedicated to celebrating sustainability and fostering a greener planet. This year, we are thrilled to introduce a unique twist to the festivities - the "Eco-Class Challenge."

Eco-Class Challenge: Unveiling the Green Leaders 🏆

In the spirit of environmental consciousness, we are launching a friendly competition among classes to determine the champions of eco-friendliness. Each class will be evaluated based on their collective efforts to reduce carbon emissions, promote recycling, and adopt sustainable practices.

The Quest for the Greenest Class: Who Will Triumph? 🌿

Classes will earn points for innovative initiatives, such as waste reduction, energy conservation, and tree planting. To add an exciting incentive, the class with the lowest CO2 emissions will be awarded the prestigious "Green Pioneer Prize," featuring a fantastic reward for their dedication to a healthier planet.

Join Us in Honoring Earth's Guardians! 🌍

This Earth Day event promises to be a joyous occasion, filled with educational activities, eco-friendly workshops, and a chance for everyone to contribute to the well-being of our planet. Let's unite in the spirit of sustainability and make a lasting impact together! 🌟

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Description Leaderboard

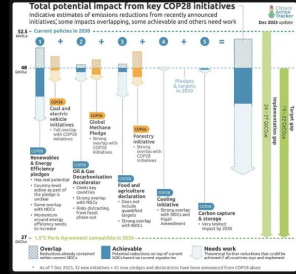


Cards

What is Cop28?

COP28 UAE will be a milestone moment when the world will take stock of its progress on the Paris Agreement. The first Global Stock Take (GST) will provide a comprehensive assessment of progress since adopting the Paris Agreement. They will help identify areas where action is needed to meet the goal of limiting global warming to 1.5°C.

The COP28 UAE Presidency will work to ensure that the world responds to the GST with a clear plan of action. By hosting COP28, the UAE is focusing on practical and positive solutions that drive progress for the future. They will use the occasion as well as provide risk and support to vulnerable communities. The UAE intends to make COP28 truly inclusive, reflecting the voice of all stakeholders, women, and youth leaders.



What is COP?

COP stands for "Conference of Parties". These are high-level conferences that bring together states, regional organizations and decision-makers. There are 196 Parties, comprising 191 countries, plus the European Union.

The UAE Leadership Team



- Dr. Sultan bin Tahnoun, COP28 UAE President
- The President chairs the COP process and facilitates consensus among Parties on the negotiated agreement for the next session.
- The President manages the COP process and ensures the smooth running of the COP process.
- The President chairs the COP process and ensures the smooth running of the COP process.



- H.E. Mohamed bin Zayed Al Nahyan, COP28 UAE Vice President
- This is a high-level role to ensure engagement and foster leadership of the private sector and civil society in the COP process.
- The Vice President chairs the COP process and ensures the smooth running of the COP process.
- Dr. Mohamed bin Zayed Al Nahyan, COP28 UAE Vice President



- H.E. Ahmed bin Zayed Al Nahyan, COP28 UAE Secretary General
- This is a high-level role to ensure the smooth running of the COP process.
- The Secretary General chairs the COP process and ensures the smooth running of the COP process.
- The Secretary General chairs the COP process and ensures the smooth running of the COP process.

COP28's Action Agenda

1. Fast tracking just and orderly transition
2. Tackling climate resilience
3. Focusing on nature, loss and livelihoods
4. Ensuring inclusivity for all

What is the global context for COP28 UAE?



The Global Stocktake measures our progress towards the goals of the Paris Agreement



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Static/ Informative
Page for COP 28

Reflection:

CarbTrkr is a web application that helps our school achieve sustainable goals 12 and 13, namely Responsible Consumption & Production and Climate Action. We conducted a pilot study of CarbTrkr in four classes of our senior section to evaluate its effectiveness in reducing carbon emissions caused by daily activities. The results of the pilot study showed that immediate action is required to reverse the effects of climate change caused by greenhouse gas emissions. The study also revealed that CarbTrkr can help students identify areas where they can reduce their carbon footprint and develop sustainable lifestyles.

- The primary outcomes of using CarbTrkr were positive changes in the lifestyles of the entire school community towards the SDG goals and the COP28 mission.
- The secondary outcomes were the development of a competitive spirit among students to earn class points and verbal rewards from supervisors for the class with the least amount of CO2 emissions.

CarbTrkr not only helps students develop sustainable lifestyles, but it also raises awareness of CO2 emissions at the consumer level. Our school community, including teachers, parents, students, and faculty members, can take small steps to protect the environment and reduce carbon emissions.

However, further large-scale studies with longer durations are necessary to determine if apps like CarbTrkr can induce measurable changes.

CarbTrkr



SSR project @ MPS