



Mahatma Education Society's
Pillai College of Education and Research
Chembur
NAAC 'A' Grade

'Sustainable Goals...Sustainable Future'



Learning For Sustainability

Editorial



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World Elephant Day is a special time when we think about the amazing elephants on our planet. This article is all about protecting these big creatures and learning from them for a better future.

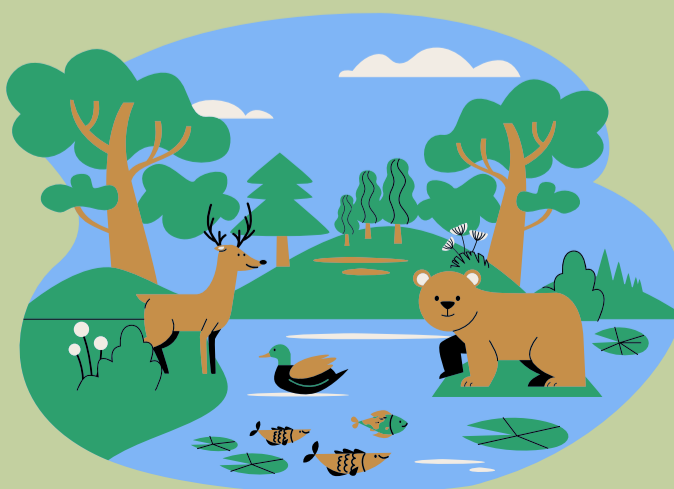
Elephants are often called "gentle giants" because they're big and kind. They teach us important things about how we should live together and take care of our world. Their smart minds and deep feelings show us how everything on Earth is connected, and we need to find a good balance.

Elephants help keep our planet healthy by eating certain plants and shaping the land. World Elephant Day is a reminder that we must do something to keep them safe and protect all living things. But elephants are in danger. They face problems like losing their homes, people hunting them, and conflicts with humans. World Elephant Day asks us to think about these problems and find new and smart ways to live together. We can help by being responsible tourists, keeping their homes safe, and supporting efforts to stop hunting.

This day isn't just about appreciating elephants; it's also a time to think about how we can make our world better. Elephants' struggles are like the challenges many animals and places around the world face. We can learn from strength exhibited by the elephants and work towards a future where everything on Earth can exist in harmony.

Education is crucial in making this happen. At PCER in Chembur, we do many activities to help our students learn about the environment, ethics, and taking care of our planet. One of the activities includes showing a documentary film called "Elephant Whisperer," connecting the themes of World Elephant Day and World Nature Conservation Day.

These activities are conducted at our college with the goal to teach the future teachers conservation of nature and protection of biodiversity. PCER Chembur, thus strives to create awareness about a sustainable future where humans and nature can live together happily.





Climate Clock Assembly

On 15th August 2023 the students of PCER Chembur had the opportunity to attend the Mumbai's largest Climate clock assembly and display unit held at IIT Bombay. This event was organized by Energy Swaraj Foundation with Switch On foundation and Energy club IIT Bombay. Energy Swaraj foundation was founded by Prof. Dr. Solanki. The Foundation has developed the solution and 'an easy to adopt solution approach' towards climate change. According to him now is the time to accelerate actions for climate change. Climate clock is a tool that help us know what we need to do by when. It shows how much time is left for taking action regarding the climate change.

All institutions that attended the event were provided with the climate clock kit which the students had to assemble and later the clock was installed at the PCER Chembur.



-Vibha Mishra



Climate Correction Event

On the 22nd of August, 2023, students of PCER Chembur, S.Y.B.Ed were invited to IIT Bombay, to attend an event named as, "1000 days, 1000 hopes, Action For Climate correction".

The aim of the event was to enlighten students about the actions that are needed to improve the climatic condition of the earth. There were seven esteemed guest speakers, Ms. Prajakta Koli, Shri. Milind Deora, Mr. Sonam Wangchuk, Prof. Subhasis Chaudhuri, Dr. Anil Kakodkar, Ms. Dia Mirza, from different professions, speaking on climatic condition through a panel discussion and sharing their views on the ways to protect our globe.

Speakers from the different professions gave an idea about how people from various backgrounds can create awareness and the changes that is needed for the betterment of our planet. Students of IIT Bombay sang a beautiful song that explained the importance of protecting our earth. The 'Solar Energy Man of India', Dr. Chetan Solanki, shared his experience of travelling in India in a bus and the actions needs to be taken to protect the environment.

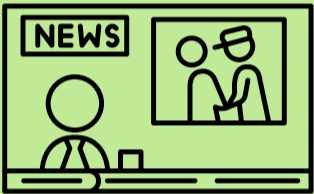
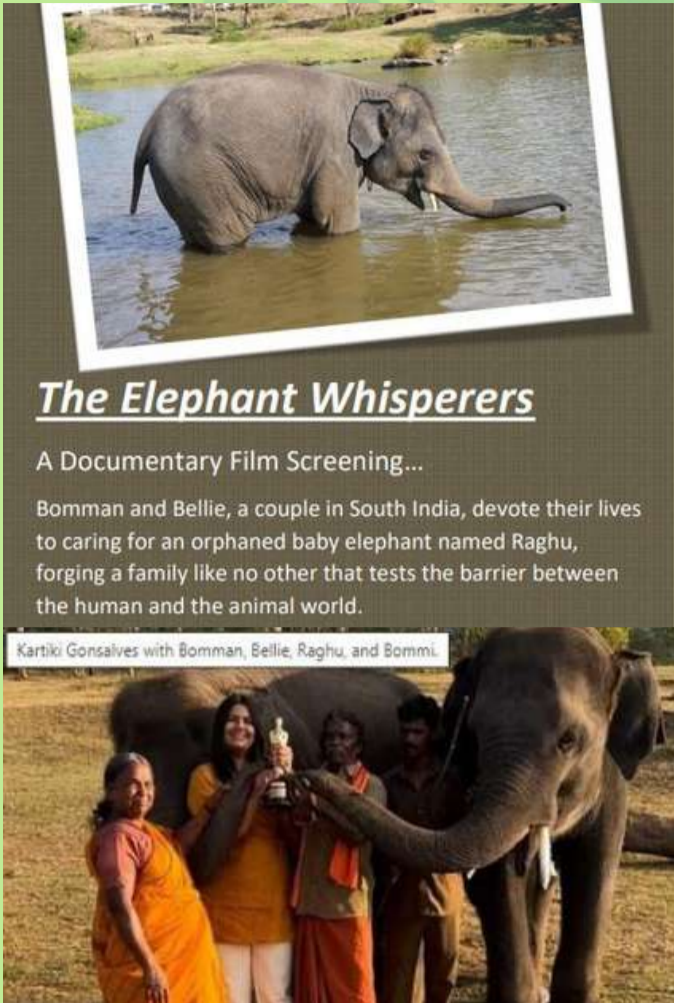
-Lucy Nadunker





World Nature Conservation Day And World Tiger Day

PCER, Chembur held a screening of the documentary film The “Elephant Whisperer” as the film beautifully wove together the awareness of the themes for World Elephant Day and World Nature Conservation Day. The students conducted a special assembly on World Nature Conservation Day and World Tiger Day which was followed by the screening of the film. The students were then asked to write down their insights on the film to build their ability for reflection. They were given an option to reflect on what they liked and disliked or to identify similarities and differences between their lives and those of the characters in the documentary.



The Forest Conservation Amendment Bill 2nd August, 2023

On 2nd August 2023, the Forest Conservation Amendment Bill 2023 was successfully passed by the Rajya Sabha following a brief but critical debate where parliamentary members raised pertinent concerns and questions about the bill. This legislative update has now bestowed upon it the name "Van Sanrankshan Abhiniyam," echoing the spirit of the 1980 Forest Conservation and Augmentation Act.

The Forest Amendment Bill primarily aims to narrow the scope of the Act's conservation efforts, focusing on specific forest lands. This strategic move essentially exempts borderlands from the requirement to seek permission for forest clearance, a key step for important construction projects. Furthermore, the bill permits tribal populations to share their traditional knowledge and forest produce with private entities, subject to State Bio-diversity Board approval, and mandates revenue sharing with local communities.

This bill effectively dismantles the foundations of previous judgments, granting corporations undue advantages in exploiting tribal and forest-dwelling communities. It's crucial to remember the commitment made in the manifesto to protect and promote the interests of forest dwellers, especially tribal communities, as this amendment raises valid concerns about fulfilling that pledge.

-Sonam Gupta



Lesson Plan

UNIT	Pollution (Acid Rain)
STD	8th
LEARNING OUTCOME	<p><u>Remembering:</u></p> <ul style="list-style-type: none"> The pupil recalls different types of pollution. <p><u>Understanding:</u></p> <ul style="list-style-type: none"> The pupil explains the meaning of acid rain. <p><u>Applying:</u></p> <ul style="list-style-type: none"> The pupil gives reasons for the causes of Acid rain.
LESSON FLOW	<ol style="list-style-type: none"> Introduction <ul style="list-style-type: none"> Teacher introduces the topic by sticking pictures related to the pollution on the board and asks questions. Different types of pollution. <ul style="list-style-type: none"> Teacher then sticks picture of industries on the board and expalins with the help of example about a company producing electricity and heat, this industry was emitting most, amount of CO₂ gas whereas the person working in this company often travels by car, so while travelling which gas does the vehicle emit? While traveling he also sees the burning of fossil fuels, Which gas is released while burning fossil fuel? Teacher then explains Acid Rain to the pupil. Teacher then asks student what you think will be the effects of Acid Rain. Teacher then explains other harmful effects like erosion of buildings metals, pipes etc. Teacher suggests ways to prevent acid rain and also asks students to suggest ways to do so.
EVALUATION	<ol style="list-style-type: none"> Name the gases released due to burning of fossil fuel. How is acid rain produced?
REFLECTION	<p>After studying this chapter, I have gained knowledge about acid rain and its impact on the life of people.</p> <p>As a future teacher, I should spread awareness about the measures to save the environment, ill effects of global warming.</p>

- Jovita Dsouza

Editors

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