

PROJECT

Name of the Project :

SAVE TREES

(save life)



class

: VIII EM

Name of the school

: Z. P. G. H. S. Muddisaddi Palli

Hindupur (M) , Anantapur (Dist)

Name of the students :

Sahana

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Name of the guide teachers :

N. SUKANYA

SA (Bio)

Title of the Project :

SAVE TREES

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Aims of the Project :

- 1) To enable the students to know the uses of plants.
- 2) To understand the role of plants in the environment.
- 3) To have awareness about the adverse effects of deforestation and the advantages of afforestation.

Hypothesis :

Are plants useful things in the world?

Tools :

observation
questionnaire

Procedure :

- 1) We observed a house with full of plants and another house without a single plant.
- 2) We had a brief discussion with a well known person who is concerned with nature.
- 3) We collected some pictures from old text books.

4) We collected some information about plants from internet.

The findings of our observation are as follows

A House with full of plants



Features

- 1) Peaceful serene atmosphere
- 2) Fresh air
- 3) No sound and dust pollution
- 4) Good health
- 5) clean surroundings.

House with out a single plant

Features

- 1) No peacefulness
- 2) Lack of fresh air
- 3) surroundings are polluted
- 4) Ill health
- 5) unclean surroundings.



Ill health baby

Data collection from Nature's loves

Uses of Plants



Since the beginning, trees have furnished us with two of life's essentials food and oxygen. As we evolved, they provided additional necessities such as wood, paper, oil & medicine.

Today their value continues to increase and more benefits of trees are being discovered as their role expands to satisfy the needs created by our modern lifestyles. Trees are the greatest collectors of the sun's energy.

Trees are an important part of every community. Our streets, parks, playgrounds and backyards are lined with trees that create a peaceful, aesthetically pleasing environment.

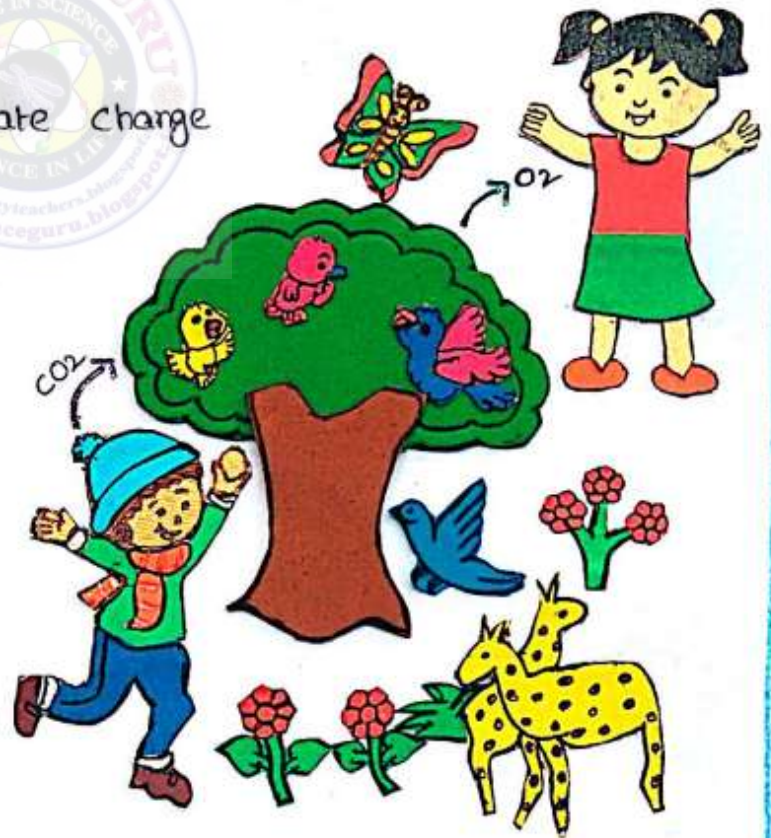
Importance of trees

① Trees combat climate change

Trees are important, valuable and necessary to our existence.

Trees are home to different birds & insects.

Excess CO_2 caused by many factors is building up in our atmosphere and contributing to climate change.



Trees absorb CO_2 & give out oxygen which is necessary and important for life. In one year an acre of mature trees absorbs the amount of CO_2 produced when you drive your car 26,000 miles.

Trees provide shade and keep the temperature cool.

In one year an acre of mature trees can provide enough oxygen for 18 people.

Trees shield children from ultra violet rays.

Trees as natural air filters

Trees are natural air conditioners.

They Purify the air absorbing carbonmonoxide, sulfur dioxide and nitrogen dioxide.

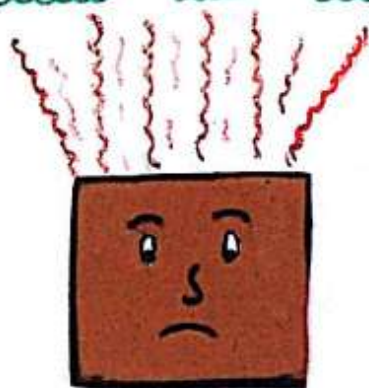
A mature leafy tree produces as much oxygen in a season as 10 people inhale in a year.

If you protect us



we will protect you

Trees help prevent soil erosion:



soil

Trees protect the soil from erosion. on hillsides or stream slopes, trees slow runoff and hold soil in place.

Trees promote rainfall & keep the nature cool.

Trees have a big role in bringing rain. Without trees the climate would be drier and hotter. They return moisture to the atmosphere. Water is also much cleaner when there are a lot of trees around (Their leaves, trunk and roots are natural pollution filters). So trees help prevent water pollution.



Trees clean the home air

Trees present in our home absorb odors and pollutant gases (Nitrogen oxides, ammonia, SO_2) and filter particulates out of the air by trapping them on their leaves and bark.



Air Purifying house Plants

Plants give us medicines: (Medical use of trees)



Some of our Indian trees like Neem and Tulsi are used as medicines in different ways. Medical treatment methods such as Ayurvedic, Unani and homeopathy are totally based on trees.

Trees: Important Part of our Ecosystem:

Trees contribute to their environment by providing oxygen, improving air quality, conserving water, preserving soil and supporting wildlife.

During the process of

photosynthesis trees absorb carbon dioxide & produce the oxygen we breathe.



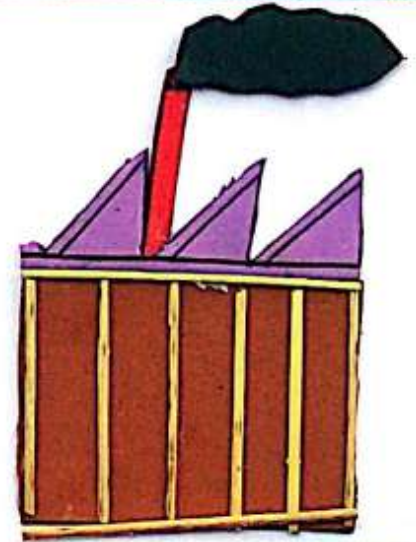
The effects of Deforestation

Man alone causes deforestation. Deforestation leads to scarcity of food, famine and global warming.



There is no shelter for birds and animals.

What happens if trees are cut down?



Pollution

levels increase due to smoke emitting from factories & vehicles.

www.mescienceguru.blogspot.in



Global warming to many detriments such as floods, Tsunami etc.



Then the earth become a ball of fire.

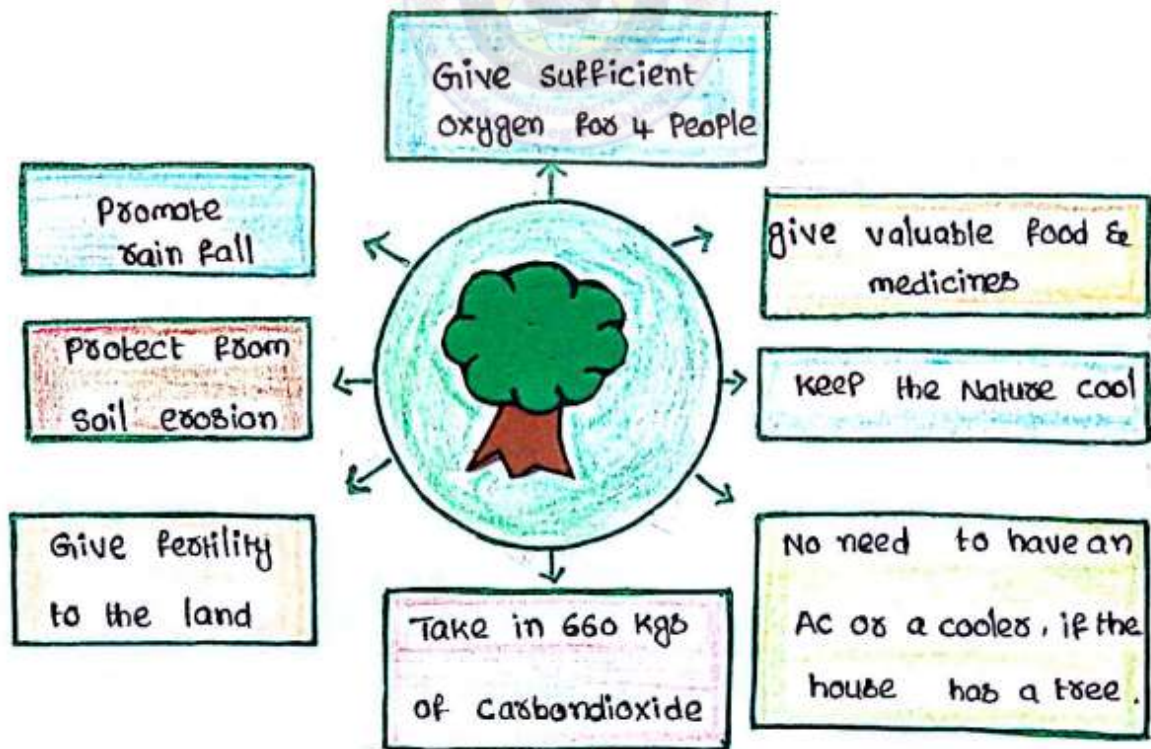


so it is our duty to plant and protect trees.

Analysis :

Having interpreted the collected data, plants make our surroundings beautiful. They are the most useful things in the world.

The surroundings with a lot of trees are clean, peaceful & resourceful, whereas the surroundings without trees are barren.



Conclusion :

Trees are the kindness things in the world.

Without trees there is no life on earth.

If you need water



Save the trees..!

Plant a tree



Don't cut me down.



And add a new friend in your life

Cut Smoking Not Trees



Save Trees



Save life



save the world

SAVE ME



Experiences :

It was wonderful to know the uses of trees / and methods how to grow them. We learnt that we should never cut down trees and we should always plant trees.

Thanks :

We extend our thanks to the guide teacher N SUKANYA (SA.Bio) for her guidance to complete this project. Our sincere thanks to Naturalist for his valuable suggestions and information.

Resources :

Internet

Magazines & News Papers.