

DELHI PUBLIC SCHOOL GHAZIABAD

SUMMER ERUDITION: CLASS VIII



Waste not the smallest thing created, for grains of sand make mountains, and atoms infinity. ~E. Knight



An expanding global population, rapid conversion of critical habitat to other uses, and the spread of invasive species to non-native habitats pose a serious threat to the world's natural resources and to all of us who depend on them for food, fuel, shelter and medicine. Policies that distort markets and provide incentives for unsustainable development intensify the problem. Every year, there is a net loss of 22 million acres of forest area worldwide. Every year, toxic chemicals, some capable of traveling thousands of miles from their source and lasting decades in the environment, are released into the earth's atmosphere.

Look deep into nature, and then you will understand everything better.-Albert Einstein

The ever increasing and alarming scenario necessitates an all inclusive and all embracing mindset among the young generation .With the aim of furthering the cause among our students ,the projects this summer are designed to bring about the much required paradigm shift in the attitude and behavior of the students and through the students the entire community.

This is an integrated project wherein all academic subjects would have one project in each subjects respectively.

Detail:

All subjects one project

Each project carries 10 marks (to be evaluated during FA2)

Date of submission: **SUBJECT PROJECTS: 6 JULY 2010**

CLUB PROJECTS: 3 JULY 2010

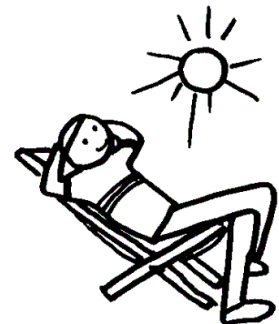
ENGLISH

Task: Make a Newsletter on the topic-Conservation of Nature

Instructions:

1. This is an individual project.
2. The project has to be made on an A-4 size sheet and should be printed on both the sides.
3. The lay out is provided for reference.
4. The fonts and font sizes to be used are as follows:

ERDEAVOUR	Arnold Boecklin	size 80
CREATIVE CORNER	Arnold Boecklin	size 48
SUB-HEADINGS	ALGERIAN	SIZE 26
Content (Write -ups)	Times New Roman	size 16



5. Insert relevant pictures/ illustrations for every write-up.
6. The project will be judged on
 - Content
 - Creativity & Innovation
 - Presentation
 - Layout
 - Effective use of Language
7. The project should be laminated before submission.

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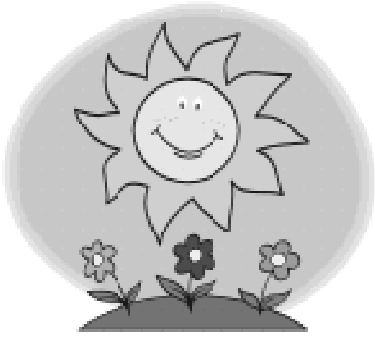
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MATHEMATICS



Objective: - To make a pie chart on the area covered by different types of forests in India as per the forest survey of India for the year 2009. (Refer to the data provided –forest cover)

General instructions:

- Project has to be in a file format (A4 coloured sheet)
- The first page should be the title page with the name, class and section of the student.

- The second page should contain the objective, material required (e.g no of A4 sheets used etc.) and the source of information (name of the website etc).

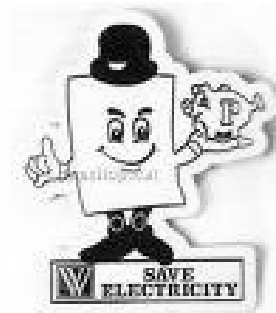
Theory: what is a pie chart and what are the different types of forests.

Collected data: Area covered by the different types of forests in India for the year 2009.

- Very dense forests
- Moderately dense forests
- Scrub
- Non forests

Write in your own words the conclusion you have drawn after analyzing the data (word limit 50).

Science



Imagine you are a Journalist carrying out investigations on ‘**how lifestyle is affecting the energy demands and leading to energy crisis (electricity).**’

Compare the uses of resources in rural and urban areas under the following heads.

Tabulate your investigations in your scrap book as shown below.

S. No.	Areas taken into consideration	Sources of energy/ gadgets used in urban areas	Ways and sources of energy used in rural areas
1.	Beat the heat/cold (Ways for keeping ourselves/homes cool or warm)		
2.	Entertainment		
3.	Transportation		
4.	Agriculture		
5.	House hold chores (Cooking, Washing, etc.)		

On the basis of your investigation write your conclusion in the scrap book:-word limit-50 words. (3 marks)

- 1) As a sincere citizen, suggest four ways to conserve electricity. (3marks)
- 2) Collect clippings from newspapers and magazines (articles and pictures related to energy crisis) and make a creative collage in your scrapbook. (4 marks)

SOCIAL SCIENCE

TOPIC- DISASTER MANSAGEMENT

INSTRUCTIONS:

1. This is an individual project.
2. Students have to make a folder on Disaster management.
3. The folder should have 6 pages (4 pages of information+ 2 pages of pictures).
4. Please follow the instructions to make a folder.
 - The folder should be made of jute/cloth (preferable old cloth).The folder should be of A4 size.
 - There should be pockets on both the sides. (use the space as per your creativity)
 - The students are required to use the colour (of folder) in sync with the allotted disaster.
5. Students have to collect following information on the given topic.
 - a. Definition
 - b. Causes and reason
 - c. Safety measures to be taken before and after disaster
 - d. Mitigation strategy
6. The project should either be hand written or computer prints.
7. The class will be divided into groups and each group will be given a specific disaster as a topic



ENDEAVOUR

EDITORIAL

Dear Friends,

Write why it is important to conserve nature and what efforts can be made by the students to make the world a better place to live in. (in about 100-150 words)

RECYCLING PLANT

A report on the aim with which it was set up and how it works.(in about 80-100 words)

VERMICOMPOST PIT

A report on the aim with which it was set up and how it works.(in about 80-100 words)

CREATIVE CORNER

TIME TO RHYME

Write a poem of 8 lines highlighting the need and importance of conservation of nature. You may begin like this:

Nature knows, nature understands...

FUN TIME !!

Make a crossword puzzle of 8 words giving clues down and across related to nature and its conservation.

Eg: extinct, milieu, heritage

EARTH DAY

Update on celebration of Earth day by the members of Vox Populi in about 80-100 words.

AN APPEAL

Information and efforts made by the Ministry of Environment on conserving Flora & Fauna. (in about 80-100 words)