



*Delhi Public School Ghaziabad*

*Holiday Homework Project*

*Class VI*



### **TOPIC: MOTHER EARTH: POLLUTE AND PERISH, CONSERVE AND CHERISH**

The month of April this year has been particularly very hot. The heat wave is at its Peak. There is scarcity of water. There are long power cuts to add to the misery of life. Has it not become a story of our day to day life? Do we ever wonder why?

Mother Earth who has been supporting life for millions of years is slowly losing its natural capacity to maintain a balance. It is losing its capacity to recycle & regenerate.

Is it not high time for all of us to wake up? Let us put our brains together to make a difference in the present scenario. Let's make a choice between Pollute & Perish or Conserve & Cherish. This project is an attempt to awaken our students to the global issue of climate change and promote them to conserve natural resources.

General instructions:

- This is an individual project. The weightage of activities based on each subject is 10 marks, hence it is important for the students to complete each and every activity.
- Project for each subject is to be submitted in a separate folder/paper bag
- The name, class and section should be written at the top of the first sheet of each subject.
- The student is expected to read the project thoroughly and complete it himself or herself .

Date of submission: - 5<sup>th</sup> July 2010

### **ENGLISH**

#### **Activity 1: Composing an e-mail**

Send an e-mail to your school, commending the efforts taken by it to conserve paper by setting up a Paper Recycling Plant. Also give your suggestions to reduce the usage of paper in school.

( word limit 100-150 words)

Email ID: [dpsgclassvi@yahoo.com](mailto:dpsgclassvi@yahoo.com)

A copy of the sent mail to be submitted for assessment.

#### **Activity 2: Making a collage on an art sheet by making use of tearing and pasting technique on**

- a) Use of solar energy
- b) Use of CFLs

c) Switching off appliances when not in use

**GUIDELINES:**

Make use of cuttings from newspapers and magazines

**RUBRICS**

Your project will be judged on:

Content, Presentation, Creativity & Innovation, Lay Out and Effective Use of Language.

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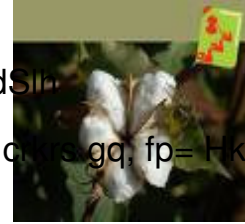
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### MATHEMATICS

**Objective:** To estimate the maximum and minimum temperatures for 20 days and make a Frequency table.

**General Instructions:**

1. Use A4 size coloured pastel sheets to make a file for the project.
2. The first page should contain
  - Objective
  - Material Required
  - Theory regarding the project

3. Data collected from the newspaper should be neatly written, i.e. date, maximum and minimum temperature recorded.
4. Estimated temperatures.
5. Frequency Table.
  
6. Two Web Charts containing
  - 4 Reasons why the temperatures have been rising over the years (Reasons for Global warming)
  - 4 Steps to reduce Global Warming

**Steps for doing the homework:**

1. Collect the maximum and minimum temperatures of 20 days (at a stretch) from any newspaper.
2. On the first page of the file, write :
  - Objective as mentioned above

S. No	Date	Maximum Temperature	Estimated Temperature

• **Material Required:** Name of the newspaper that you have referred to. Also paste the newspaper cutting of the temperatures and the date that you have collected.

• **Theory** regarding

frequency table and tally marks

3-On the next sheet, draw a table as drawn below:

4- On the next page, estimate the maximum temperatures to the nearest Whole Number and tabulate it in the following manner:

S. No	Date	Maximum Temperature	Minimum Temperature

5- Make a frequency table for the estimated temperatures.

6- Similarly, estimate the minimum temperatures and draw frequency table for them also.

7- Highlight the temperature that has the maximum frequency in both the cases.

8- Make a Web Chart on an A4 sheet showing 4 reasons for the increase in temperature (Global Warming)

9- Make another Web Chart on an A4 sheet showing 4 steps to reduce Global Warming.on

**Assessment Criteria:**

Writing the Objective, Material Required and Theory	1
Data Collection	1
Estimation of both the temperatures	2(1+1)
Frequency Table: Tally Marks, Writing the frequency and highlighting the highest Frequency in both the temperature tables	5(2+2+1)
Web Charts (2)	1
<b>Total</b>	<b>10</b>

**SCIENCE**



**BECOME A ZERO GARBAGE HERO**

**Objective:-** To sensitize students about the impact of solid waste on environment and to deal with it judiciously.

**Methodology:** You are required to keep a separate bin for yourself near your study table/room and collect all the waste you generate in that bin day wise and list the waste you generate in that bin over a week time in the following table:

S.no	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
1.						
2.						
3.						
4.						
5.						
6.						
7.						

Now segregate the waste as Bio-degradable and Non-Biodegradable as given below:

Days	Bio-degradable	Non-biodegradable
Sunday		
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		

Now make an effort to reduce, reuse and recycle the above collected waste. Separate the waste as dry and wet waste.

- Wet waste for example : vegetable peels, fruit peel etc.can be made into compost .( refer to chapter 16 of your science NCERT text book for the method). Dry the compost after it is ready and bring a sample to school.

- Paper waste can be used to make paper mache ,for example plates, glasses, flowers etc.
- Other left over material can be reused to get any usable item(decorative item).Some examples are given below-
  1. pencil shavings can be used for artwork.
  2. Toffee, biscuits, chips wrappers can be used for making mats , wall hangings etc .
  3. The empty tin cans and glass/ plastic bottles can be painted and used as flower vase. (bring one sample of each item you create to the school )
- At last make sure that your dustbin gets emptied by the end of 2<sup>nd</sup> or 3<sup>rd</sup> week and you become a hero with zero waste.

CLUES:1. Tables can be made in a separate folder.

4. Paper mache work can be shown separately. Refer to google.com for any help.
5. Click pictures while working for the project, if possible and paste them in your folder

### ASSESSMENT CRITERIA:

TABLE PRESENTATION IN FOLDER	4 MARKS
DISPLAYS	4 MARKS
NEATNESS,CLARITY	2 MARKS

### SOCIAL SCIENCE

- Students have to make a pop up box on conservation of National monuments.
- The monuments are listed below:
  - 1.The Qutub Minar
  - 2.The Red Fort
  3. The Humayun's Tomb
  - 4.The OldFort
  5. The Siri Fort.
- The class will be divided into 5 groups and each group will be given a topic ( one monument).
- Students have to collect following information.
  1. About the monument ( historical background, time period).
  2. Causes of deterioration.
  3. Steps taken by the government to improve the conditions.
  4. Your suggestions.
- The size of the box should be 30cm by 20cm( approx).
- A spring should be used to make the pop up box.
- The four sides and bottom of the box should be covered with white sheet.
- The box should be covered from the top and the 4 pages Information booklet (coloured) must be pasted on the top of the box.
- The picture of the monument should pop up when the box is opened.



Assessment criterion: Content (5) Creativity ( 2) Neatness and presentation( 2) On time submission(1)

