DAV CENTENARY PUBLIC SCHOOL, PASCHIM ENCLAVE, NEW DELHI-87

SUMMER BREAK HOLIDAYS' HOMEWORK – CLASS IX

THEME : CLIMATE CHANGE

ENGLISH

1. The scientists have predicated the year 2016 to be the hottest year on record. So, you visited Manali during the Summer vacation to get respite from the city heat. Write a letter to your father from Manali describing the difference in climate of Delhi and Manali, and also describe how its fresh air and cool breeze has mesmerized you. And also write the reply letter from the father describing the measures to be taken by the people of Delhi to improve the climate of Delhi.

2. **Write any ten slogans on A4 size sheet based on the theme-Save Environment, Save Earth.**

3. **A Book-Review of Novel - Gulliver's Travels** - in a file on the basis of the following heads:
   ➢ About the writer
   ➢ Theme
   ➢ Appropriateness of the Title
   ➢ Summary of Part I and Part II
   ➢ **Character Sketches**
   - Gulliver
   - Emperor of Lilliput
   - The Blefusudians
   - The Brobdingnags
   - The King of Brobdingnag
   - The Queen of Brobdingnag

SOCIAL SCIENCE

Prepare a Project on A4 size sheets. (Group Activity: 7-8 students in each group)

➢ **Page 1** What is climate change? Problems faced by people due to climatic change.
➢ **Page 2** Evidence of climate change around the world.
➢ **Page 3** Measures taken to control climate change around the World and India.
➢ **Page 4** Day to day Measures in our daily life to make Earth a better place to live in. Looking for sustainable development

Presentation of Project file
- Cover page
- Index
- Acknowledgement
- Content pages
- Bibliography

SCIENCE

Prepare project on:
a) What are the causes of climate change? (Both Man –Made and Natural causes to be discussed). Paste pictures.
b) Effect of climate change on flora and fauna, with examples of each. Paste pictures.
c) Various protocols signed by different countries of World to save Environment.

MATHEMATICS

PROJECT 1 : GROUP ACTIVITY (5 STUDENTS): PowerPoint Presentation on " EUCLID'S GEOMETRY "

Each student will make 3-4 slides on one of the following topic.

- STUDENT 1 Introduction and necessity of Geometry.
- STUDENT 2 Contribution of Thales, Pythagoras and Euclid with special mention of Euclid's Life and his work (Book-Elements).
- STUDENT 3 Euclid's Definitions and Axioms with explanations and examples.
- STUDENT 4 Euclid's Postulates with illustrations.
- STUDENT 5 Selected Questions from Related Exercise of NCERT.

PROJECT 2 : INDIVIDUAL ACTIVITY

TASK 1. Collect information/data about maximum and minimum temperatures (in ˚Celsius) for any 10 countries (at least 1 from each continent) along with their latitudinal and longitudinal positions for any 15 days during vacation. Tabulate this data appropriately.

TASK 2. Convert each temperature in ˚Fahrenheit (˚F).

TASK 3. Find 'RANGE', 'AVERAGE MAXIMUM TEMPERATURE' and 'AVERAGE MINIMUM TEMPERATURE' for each country.

TASK 4. Draw 'Line Graph' for the "Maximum temperature" and "Minimum temperature" for the 10 countries using the different pair of axes.
Note: Use different colour for the line of each country.

HINDI

➤ सम–विषम प्रणाली : कितनी सफल – विषय पर अनुच्छेद लिखिए।
➤ विदेश जाकर बसने के इच्छुक मित्र को स्वदेश की सीख देते हुए पत्र लिखिए।
➤ मौसम के बदलते तेवर : कारण और निवारण (स्लोगन व कविता सहित)

SANSKRIT

(कार्य परियोजना)

1 दश वाक्येषु संवादः केनापि सह –मात्रा सह पित्रा–सह इत्यादयः

2 एकां संस्कृतपत्रिकां रचयन्तु।