



NORTH-EX PUBLIC SCHOOL

(SENIOR SECONDARY , AFFILITATED TO CBSE)

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Winter Vacation Assignment 2016-17

Class IX

ENGLISH

1. Read the novel “Gulliver’s Travels” and prepare a snapshot of the story (250 words).
2. Visit any Old Age Home and Take interview of the Old persons(At least 10).
3. Make a poster on the New Currency System recently introduced in India.
4. Read any English Daily Newspaper and Paste 5 important news daily on a separate project file (10 days).

MATHEMATICS

- I. Lab Activity: (i) To obtain a parallelogram by paper folding method.
(ii) To show that the area of a parallelogram is product of its base and altitude using paper cutting, pasting and folding.
- II. To verify that the angles in the same segment of a circle are equal, using the method of paper cutting, pasting and folding.
- III. To verify that:
 - a) The angle in a semicircle is a right angle.
 - b) The angle in a major segment is acute.
- IV. Prove that:-
 - a) Parallelograms on the same base and between same parallels are equal in area.
 - b) Two triangles on the same base and between the same parallels are equal in areas.
- V. XY is a line parallel to side BC of a triangle ABC. If BE //AC and CF // AB meet XY at E and F respectively, show that $ar (ABE) = ar(ACF)$.

SCIENCE

- I. Make a working model. Also prepare a project report. Project will be assessed on the basis of :-
 - Research
 - Presentation
 - Originality
 - Reflection

II. Make a Project Report on:

- a) The factors which are important for good health.
- b) Differentiate between chronic and acute disease.
- c) Differentiate between infectious and non-infectious diseases.
- d) Explain the mode of spread of different diseases (any 5).
- e) Explain the principles of prevention and the principles of treatment diseases (above listed diseases).

III. Revise FA4 syllabus.

SOCIAL SCIENCE

I. Prepare a scrap book on migratory birds visiting our country. In it, paste picture of each migratory bird on a page and write the following information:

- Name
- Reasons for migration
- Pattern of movement
- Place from where they have migrated
- Duration
- A map showing the location of the birds in India and the place from where they travelled.

II. Disaster Management

Project:-

Suggest effective measures to make the disaster management plan successful in canteen, laboratories, etc.

III. Project Report:-

Prepare a detailed report on the measures taken for food security in India. Also mention the achievements of the system over the past 20 yrs. Show with the help of comparative charts and statistical reports generated by the govt. of India.

Clues:-

- a) Role of FCI in maintaining buffer stock
- b) Public distribution system
- c) Role of cooperatives.

WINTER VACATION SYLLABUS / HOLIDAY H.W

Class - IX

Subject - Hindi

1. 'सांप्रदायिक एकता' को प्रोत्साहित करते हुए स्लोगन लिखिए।
2. भारत के किसी एक ऐतिहासिक स्थल की जानकारी चित्र सहित प्राप्त कीजिए।
3. 'डॉ. हरिवंशराय बच्चन' के जीवन व साहित्यिक योगदान पर लेख लिखिए।
4. "मजहब नहीं सिखाता, आपस में बंध रखना" विषय पर अपने विचार लिखिए।