



DELHI PUBLIC SCHOOL, FIROZABAD

(Under the Aegis of Delhi Public School Society, New Delhi)



Summer Holiday Homework

Session: 2019-20 Class IX

“Just living is not enough We must have Sun Shine . In shining summer each day we have more light to read & to do. Enjoy eternal summer with grateful heart”

SUBJECT: ENGLISH

Make an assignment file (creative) of a4 size with a decorative front page

Topics:

1. An imaginative interview with your favourite character from the stories you have read.
2. Write about any 5 authors including pictures from your English literature book.
3. Share your experience of school summer camp in a form of paragraph
4. Share your experience ----one day with the nature (relevant pictures should be pasted

Chart paper : make a big chart on chart paper on any topic of types of noun/pronoun/adjective/adverb

Hindi

1. कवि मैग्जीन बनाइए
2. Topic— प्रेमचंद्र, राहुल सांकृत्यायन, महादेवी वर्मा, कबीर, रसखान, सुमित्रानंदन पंत, सर्वेश्वर दयाल सक्सेना

Social science class 9

1. Visit any near by village/ your village with your parents and conduct a field survey stating the facilities and services or problems in the respected village, and make a project file on it and paste photographs also.
2. Do map work on following points in respect of india:
 - * Hills and mountain ranges
 - * Plateaus
 - * Highest peaks
 - * Major rivers
 - * Lakes
 - * Natural vegetation
 - * Soils
 - * National parks and reserves
 - * Minerals and metals

* Sea trade routes passing through India.

Maths

1. Using identity find the product of $(x+1/x)(x-1/x)(x^2+1/x^2)(x^4-1/x^4)$
2. If $(x+1/x)=3$, find the value of (x^2+1/x^2) .
3. Write a short note about the famous Indian Mathematician Ramanujan.
4. Write a short note on history of Pie (π).

Computer

Write a short note on the following terms- (i) Application Software (ii) Operating System (iii) Compiler & Interpreter (iv) Need of computer Networks (v) Characteristics of a Computer (any three points)

ACTIVITY/PROJECT

1. Collect information about any four operating systems. This should contain the company Name, the operating system Logo, its features and strengths.
2. Make a power point presentation on latest computer peripherals and gadgets.

Dance:

Brief specification of any one tribal dance form with pictures in your DDMA notebook.
(for example:- origin, dress, props etc...)

Art & Craft:

- Draw the 5 pictures related to NATURE by your own choice (Landscape, Scenery, Village Scene etc.)
- Make 1 item by using waste material (Best out of Waste)

Science:

1. Prepare a report on how does RO water filtration machine work and find the difference in osmosis and reverse osmosis(RO).
2. Make model of any two cell organelles(nucleus/mitochondria/endoplasmic reticulum/Golgi complex) using the things available at home.
3. Write any two examples each of –diffusion in solid-solid, liquid –solid, liquid –gas taking place in nature.

Theater: (Watch below mentioned plays on youtube, write the names of important characters in a separate sheet of paper.)

Frozen – by Jenneifer lee.

Three Man in a Boat – by Jerome.K.Jerome

The Invisible Man – by H.G. Well

Requisite (compulsory) Activities-

1. **Reading of Newspaper** – Identify 3 new words, 1 Idiom, 1 phrase
Mention in a separate copy, 1 International news item, 1 National news item, 1 Economic news & 1 Sports news.

2. **Diary writing** – Entries to include-

1. Significance of the day

2. Important activities performed during the day.

3. A small description about the proceeding of the day.

3. **Mandatory for observance** –

1. Participation in Pooja (worship or prayer at home).

2. Morning walk.

3. At least five days for not watching T.V.

4. At least 10 days complete curtailment from mobile.

5. 3 days to practice pure politeness at home.

6. 10 days totally prohibited from eating junk food.

7. 5 days devoted to pet care. (If applicable).

8. 5 days for helping & accompany your father at work place.

9. 10 days committed for care of plants.

10. 5 days dedicated to assistance of mother.

11. Everyday half an hour to observe silence.

“We are providing you a Pupil Perusal Pro-forma (PPP)”. It is for your parents, it is obligatory to submit back to your class teacher duly signed by parents and attested by Grandparents on the first day of reopening of the school after summer vacations.

It will be used as a tool for Upgradation of Co-scholastic grades.