

ESTEEM PUBLIC SCHOOL

A Senior Secondary School (10+2)

Affiliated to CBSE, Delhi

HOLIDAY HOMEWORK OF SUMMER VACATION

CLASS - X A

Chaliyama (Only for the students of the Chaliyama branch)

ENGLISH

Assignment : Write 5 times each and learn all the vocabs of the chapters till taught in your English note book.

Assignment : In a project file write down the character sketch of Mrs. Pumpery, Tricky, Lencho and the summary of the Poem- 1) Dust of Snow, 2) Fire and Ice

Project Work : Make a decorated Project on the "Nelson Mandela" in a project file.

In it you will mention- a) Acknowledgement, b) certificate, c) Index, d) Introduction
e) His early life, f) education, g) Struggles against apartheid, h) Activism and political career
i) End of apartheid and political ascendancy, j) legacy and death, k) Honors, l) conclusion
m) Bibliography. Also paste picture of Nelson Mandela

MATHS

Homework : Do the following Exercises from your Text book- Exercise 1.1 & 1.2, Exercise 2.2, Exercise 3.1

Project Work : **Activity 1:** To draw the graph of a Quadratic Polynomial and observe.

(1) The shape of the curve, when the coefficient of x^2 is positive.

(2) The shape of the curve, when the coefficient of x^2 is negative.

(3) Its number of zeroes.

Activity 2: To verify the conditions of consistency/Inconsistency for a pair of linear equation in two variables by graphical method.

SCIENCE (PHYSICS)

Home Work : Draw the ray diagram of concave, convex mirror & lenses in a thin copy.

Assignment : Study and make a summary report on Multiple reflection by a plane mirror converging.

What is multiple reflection? How it is created? How many numbers of images formed at different angles? How the ray diagram looks? Etc.

Project Work: Prepare an optical illusion infinity mirror wing concept of reflection OR prepare a kaleidoscope (mirror with broken bangles)

SCIENCE (CHEMISTRY)

Home Work : Learn and write all inside, intext and exercises Q/A from each topic of Ch - 1 & 2.

Assignment : 1 write an activity - 1 in your practical note book to study at least 10 major lab apparatus

2 write an activity - 4 on litmus paper test with your domestic household things in your homes

Project Work 1. Make 50 chemical formula by valency formation on a chart paper.

SCIENCE (BIOLOGY)

- Home Work :** How is digestion linked with other life processes like respiration?
- Project Work :** Draw and label the human respiratory system
- Assignment :** Prepare a table including all the enzymes related to digestion along with their names, function and the place from where they are secreted.

SOCIAL SCIENCE

- Home Work :** Learn Q/Ans of ch-1 (History) Nationalism in Europe and ch-1 (pol sci) Power sharing.
- Assignment :** Make an Assignment on "The Making of a Global World"

INFORMATION TECHNOLOGY

- Home Work :** Complete digital documentation (advanced) PART-B Session Q/Ans fill in the blanks, true/false, MCQ, Match the following and unsolved Question answer, MCQ and application based question in your IT copy.
- Assignment :** 1. Prepare a template of resume or cv using MS word with the help of following terms:
a) Objective b) Personal information c) Area of Expertise d) Hobby e) Educational qualification f) keys/Responsibility (all points should be mentioned).
2. Explain the role and importance of digi locker in a thin copy or A4 size paper (Not more than 300 words)
- Project Work :** 1. Perform online transaction for booking a movie ticket or bill payments on the secured websites. Write the steps for the same and paste the screenshots on a chart paper.
2. Collect the information about any 4 instant messaging software. (Note down in A4 Sheet)

ECONOMICS/GEOGRAPHY

- Assignment :** Make an assignment on different types of Soil and soil conservation.
- Project Work :** Project on Development (taking example of Developed Nation)

HINDI

- गृहकार्य :** सूरदास कविता के प्रश्न - उत्तर को अपने कॉपी पर लिखे भावार्थ के साथ
- असाइनमेंट :** अपने पसंदीदा लेखन में से किन्हीं दो के लेखक जीवन परिचय अपनी कॉपी पर लिखें।
- परियोजना कार्य :** इंडोर गेम और आउटडोर गेम के प्रकार को बताते हुए चित्र के साथ एक चार्ट पेपर पर इसकी सूची बनाएं।

----- End of the Holiday Homework -----

ESTEEM PUBLIC SCHOOL

A Senior Secondary School (10+2)

Affiliated to CBSE, Delhi

HOLIDAY HOMEWORK OF SUMMER VACATION

CLASS – X A1 **Tungri (Only for the students of the Tungri branch)**

ENGLISH

- Homework :-** Be updated with the notes of all the chapters taught till date.
Project Work :- In a chart paper, frame a poem in your own words decoratively.

MATHS

- Homework :-** Solve all the questions from R.S.Agarwal, NCERT exemplar and previous year in a separate copy. (Chapter – 1, 2, 3)
Assignment :- List all the algebraic relationships between the zeroes and coefficients of linear, quadratic and cubic polynomials.
Project Work :- Create a summary table outlining the conditions for the consistency and inconsistency of a pair of linear equations.

SCIENCE (PHYSICS)

- Assignment :-** (1) Light Refection worksheet.
Q & A (2) Write down the image formation of concave and convex mirror.
(3) Solve the numerical of Example 9.1
Project Work :- (4) Focus on one real-life application on Reflection, including mirrors and total internal reflection and write about it on an A4 size paper and prepare it in a file.

SCIENCE (BIOLOGY)

- Assignment :-** Draw and label:
(a) Human Digestive System
(b) Human Respiratory System
(c) Human Circulatory System
* Write neatly in your assignment file.
* Draw a diagram with proper labeling.
* Use blue/black pen and pencil for diagram.
Project Work :- Make a model of a plant showing the process of photosynthesis. Label all its parts neatly.

SOCIAL SCIENCE (HISTORY)

- Home Work :-** Go through the Chapter – 1 clearly and also complete your notes of the chapters taught till date.
Assignment :- (a) Write about Giuseppe Garibaldi and paste a picture as well.
(b) Write about Giuseppe Mazzini and Count Carnillo Cavour and paste picture as well.
Project :- (1) Draw or paste the meaning of symbols with their significance.
(2) Draw a picture of Germania & write few lines about it.

SOCIAL SCIENCE (POLITICAL SCIENCE)

- Home Work :-** (a) Define: Ethnic, Majoritarianism, Jurisdiction, Coalition government.

- (b) Complete your notes of classwork.
- Assignment :-** (a) Complete all the notes of Political Science
(b) Describe the ethnic composition of Belgium
(c) How was the power sharing arrangement in Belgium different from Srilanka?
(d) Why is power sharing desirable in democracy? Give 2 reasons.
- Project :-** Project on Power Sharing.

SOCIAL SCIENCE (GEO + ECO)

- Home Work :-** Write all the NCERT questions and answers of Economics (chapter – 1).
Assignment :- Write the sectors of Indian Economy and activities of each sector. (Use stick file)
Project :- Draw and locate major soil types in India Political map. (On a chart paper)

IT (402)

- Home Work :-** Learn and write all the Q/A of Ch – 01 in note copy.
Assignment :- 1. Explain Technology: “Boon or Bane” with examples.
2. Describe the impact of social media on students.
3. Write a note on cyber safety and precautions.
Project :- Make a poster on Cyber Bullying Awareness and use the heading “Say No to Cyber Bullying”.

HINDI

- गृहकार्य :-** * पद - सूरदास के पदों के भावार्थ लिखें एवं पाठ में आये प्रश्न के उत्तर लिखें |
* अनुच्छेद लेखन :- डिजिटल भारत
* पत्र लेखन :- अपने मित्र को छुट्टियाँ साथ बिताने के लिए निमंत्रण पत्र लिखें
* विज्ञापन लेखन :- स्वदेशी वस्तुओं के प्रचार - प्रसार के लिए एक आकर्षक विज्ञापन तैयार करें |
* लघुकथा लेखन :- 'समय का महत्व' शीर्षक पर लघुकथा लेखन करें |
- असाइनमेंट :-** * भारत के प्रमुख त्योहार - महत्व विविधता और उत्सव
* परिचय
* त्योहारों का महत्व
* भारत के प्रमुख त्योहार
* त्योहारों की विशेषता
* त्योहार और एकता
* निष्कर्ष
- परियोजना कार्य :-** सूर्यकांत त्रिपाठी निराला का जीवन परिचय एवं साहित्यिक विशेषताओं का उल्लेख करें |