

# 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 Chaliyama branch)**

### ENGLISH

**Homework:** – Complete the notes and learn for PA – 01.

**Assignment:** – On a chart paper prepare a chart of Tense and its several forms.

**Project Work:**– Prepare a file on “Nelson Mandela” expressing about his life History (struggle, Hardships achievement, Award list etc.)

### MATHS

**Homework:-** Make questions of the following exercise

Chapter – 01

Exercise 1.1: Q.No. 01, 03, 05 and 06

Exercise 1.2: Q.No. 01 and 02

Chapter – 02 (Polynomial)

Exercise 2.1: Q.No. 01

Exercise 2.2: Q.No. 01- (i), (iii), (iv)

Q.No. 02- (i), (ii), (v)

**Assignment:** – Make an activity file on following topics

- (i) To draw the graph of a quadratic polynomial and observe
  - a. The shape of the curve when the coefficient of  $x^2$  is negative.
  - b. The shape of the curve when the coefficient of  $x^2$  is positive.
  - c. Its number of zeros
- (ii) To verify the conditions of consistency/inconsistency for a pair of linear equation in two variables by graphical methods.

### SCIENCE

#### Chemistry

**Assignment:** Complete all the questions of 10 years of the chapter first i.e, Chemical reaction and equation in homework copy.

**Practical Copy:**- Make a practical copy and write all the activity of chapter – 01 and 02 with diagram.

#### Physics

**Homework:** Complete the notes of human eye and colorful world and exercise problems of reflection and refraction in physics notebook

**Assignment:-** Solve 10 questions each based on mirror formula and lens formula in a thin copy.

**Project:-** Prepare a working model based on reflection of light using mirrors or any other reflecting surface. Example – Infinity mirror illusion, periscope, Solar Cooker, Mirror Maze etc.

## BIOLOGY

**Project-** Make a project on photosynthesis on A4 sheet

### Table of Contents

- (a) What is photosynthesis  
(b) Site of Photosynthesis  
(c) Factors            (d) Equations            (e) Structure            (f) Process            (g) Importance

## SOCIAL SCIENCE

### History + Political Science

**Homework:-** Write down the Q/A of Chapter – 01 of History and Political Science in homework copy.

**Assignment:-** Make an assignment of Consumer Rights or Social Issues on A4 size sheet in transparent file.

### Geography + Economics

**Homework:-** Write down the Q/A of Chapter – 01 of Geography and Economics in homework copy.

**Assignment:-** Compare India's per capita income, GDP and literacy rate with the countries which have attained top 5 ranks in HDI.

**Project:-** Prepare a list of soils found in the different regions of India and also mention the types of crops grown in these soils.

## INFORMATION TECHNOLOGY

**Home Work :-** Complete Digital Documentation (Advanced): Session 01 and Session 02, Multiple Choice Question /Answer, Matching, True or False and Exercise Q/A in a home work copy.

**Assignment :-** (i) prepare a template of a resume or CV with the help of following terms  
a. Objective            b. Personal Information            c. Area of expertise            d. Hobby  
e. Educational qualification  
f. Keys/Responsibility (all point should be mention in a white thin copy)  
(ii) Explain the role and importance of DigiLocker in a thin copy (not more than 200 words)

**Project Work :-** (i) 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 in chart paper.  
(ii) Collect the information about any 4 instant messaging software.

## HINDI

**गृहकार्य:-** गैंगटोक की सुंदरता का वर्णन अपने शब्दों में A4 साइज पेपर पर करते हुए एक फाइल तैयार करें।

**परियोजना कार्य:-** सूरदास के जीवन का परिचय देते हुए चित्र सहित एक चार्ट पेपर तैयार करें और उनके रचनाओं के नाम लिखिए।

# ESTEEM PUBLIC SCHOOL

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## HOLIDAY HOMEWORK OF SUMMER VACATION

**CLASS – X 'A1'**

**TUNGRI (Only for the students of Tungri branch)**

### ENGLISH

**Homework :-** Write the poem and explain the summary. (Note copy)

(a) Fire and Ice Or (b) Dust of Snow

**Assignment :-** Answers the following questions,(200-250) words:-

(1) In the lesson 'A letter to God'. What normal values does the postmaster display in his behavior?

(2) Do you think there are also parents like Mrs. Pumphrey in the lesson 'A triumph of Surgery'. Explain (A4 size paper).

**Project Work :-** Write about the: (a) James Herriot Or (b) Robert Frost. (On chart paper)

### MATHS

**Homework :-** Solve chapter 5 and 8 in a separate copy.

**Assignment :-** List all the formulas of chapter 5 and 8 with diagram. [A4 size paper]

**Project Work :-** Make a chart of all Angles of trigonometric ratio. [Chart paper]

### SCIENCE

**Home Work :-** Solve 30 questions related to balancing of chemical equations in your note copy.

**Assignment :-** Solve minimum 10 numerical based on the topic (On A4 sheet):-

(1) Mirror formula  $\frac{1}{u} + \frac{1}{v} = \frac{1}{f}$

(2)  $m = \frac{h}{h} = -\frac{v}{u}$  (3)  $f = \frac{R}{2}$

**Project Work :-** Draw a well-labeled diagram of Human-digestive system on chart-paper.

Or

Draw a well-labeled diagram of Human-heart on chart-paper.

### SOCIAL SCIENCE

#### HISTORY

**Home Work :-** (1) Complete all notes of History chapter-1 and learn the lesson carefully.(In homework copy)

(2) Write about Nationalism.

(3) Explain Liberalism: (a) Politically (b) Economically.

**Assignment :-** (1) Write the places where Mahatma Gandhi organized Satyagraha movements first. Paste some pictures related to this.

(2) Write about Giuseppe Garibaldi with pictures.(On A4 sheet)

**Project :-** (1) Explain Fredoric Sorrieu's painting with pictures. (In chart paper)

(2) Write the Nationalist symbols with its meaning and try to use pictures. (Any 4) Page – 1/2



## ECONOMICS

- Home Work :-** (1) "Money is your pocket cannot buy all the goods and services that you may need to live well ". Explain.  
(2) Describe the development of the region in education field.(In homework copy)

**Assignment :-** (1) Differentiate between Developing Countries and Developed Countries with example. (A4 sheet)

- Project :-** (1) Draw the diagram to represent different sectors of the Indian Economy with examples and pictures.  
(2) Draw a chart to show Development goals of different categories of persons.(Chart Paper)

## GEOGRAPHY

- Home Work :-** (1) Learn Ch-1 completely including all inside questions.  
(2) Learn and write Ch-2 including all inside questions.(In homework copy)

**Assignment :-** In an outline map of India mark and label wildlife sanctuaries and national parks. (As many as you can)

- Project :-** Draw and label the diagram of soil profile from Ch-1 in chart paper.

## CIVICS

- Home Work :-** (1) Learn Ch-1 completely including all inside questions  
(2) Learn and write Ch-2 including all inside questions.(In homework copy)

**Assignment :-** Make a chart of scheduled language of India from Ch-2, Page no. 22 in A4 size paper.

- Project :-** Make a chart of various subject list under union list, state list and concurrent list.

## **INFORMATION TECHNOLOGY**

**Home Work :-** 1. Learn and write all the Q/A of chapter-1 in your Holiday Homework copy. (Use a thin copy)

- Assignment :-** 1. What do you mean by non-verbal communication? What are its advantages?  
2. What are homonyms and homophones? Explain with suitable example.  
3. What are some of meeting etiquettes which one must follow while attending a meeting?  
Also suggest ways to end a meeting.

**Project Work :-** Draw the diagram of communication cycle and explain their each term shortly.

Or

Draw some visual aid through which can do visual communication.

## **HINDI**

**गृहकार्य :-** पाठ्यपुस्तिका 'क्षितिज' के गद्य खंड से पाठ-10 के संपूर्ण प्र"नोत्तर का प्रभावी नोट्स अपनी नोटबुक में बनाएँ।

**असाइनमेंट:-** (A4 साइज चार्ट पेपर पर बनाएँ)

पाठ्य पुस्तिका 'कृतिका' के प्रथम पाठ 'माता का आँचल' में जो बच्चों की दुनिया रची गई है वह आपके बचपन की दुनिया से किस तरह भिन्न है? अपने अनुभवों को भोलानाथ के बचपन से जोड़कर एक तुलनात्मक रिपोर्ट की फाइल तैयार करें।

**परियोजना कार्य:-** (A4 साइज चार्ट पेपर पर बनाएँ)

पाठ्यपुस्तिका 'क्षितिज' के पद्य खंड से पाठ-1 'राम-लक्ष्मण-पर"ुराम संवाद' के आरंभिक दोहों-चौपाइयों का एक सचित्र चार्ट बनाएँ।

अथवा

कवि सूरदास का परिचय देते हुए उनके पदों का एक सचित्र संकलन तैयार करें।