

# ESTEEM PUBLIC SCHOOL

A Senior Secondary School (10+2)

Affiliated to CBSE, Delhi

## HOLIDAY HOMEWORK OF SUMMER VACATION

**CLASS – IX 'A'**

**Chaliyama (Only for the students of Chaliyama branch)**

### ENGLISH

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

**Assignment:** – Prepare a differentiation chart on the Topic online v/s offline teaching on A4 sheet.

**Project Work:**– Prepare a file on different forms of music instruments and their famous players.

### MATHS

**Homework :-** Solve the questions Ex – 1.4, 1.5, 2.4 in your notecopy.

**Assignment: –** Prepare a stick file

Topic – Remainder theorem and factor theorem and also give a solution along with each theorem.

**Project Work:-** Make a list of Algebraic identities and verify any 1 on chart paper.

### SCIENCE

#### Physics

**Homework:-** Complete the exercise of NCERT book chapter – motion and notes of chapter – 02 Law of Motion.

**Assignment:-** Solve 20 questions of numerical and graphs from the chapter – Motion in a thin copy.

**Project:-** Prepare a model using low cost materials to show different types of motion. Size of the model should not exceed 2.5 x 1.5 inches

#### Chemistry

**Assignment:-** (1) Write an activity to show that matter are made up of small particles

(2) Liquid generally has lower density in compared to solids. But you must have observed that it float on water. Find out why?

(3) For any substance, why does the temperature remains constant during the change of states?

(4) What type of clothes should we wear in summer? And why?

#### Subject: Biology

**Project-** Make a creative model of plant or animal cell. You can used threads, any waste materials or vegetables.

## SOCIAL SCIENCE

### History + Political Science

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

**Project:-** Make a project on different symbols used during the French Revolution to ignite the mind of people on chart paper.

### Geography + Economics

**Homework:-** Collect information about the silk route and also find out the new developments which are improving communication routes in the regions of high altitude

**Assignment:-** Find out how milk cooperatives in India operate research and prepare a presentation on the role of Amul cooperation in white revolution (Do on A4 sheet paper)

**Project:-** Prepare a handwritten project on topic “Disaster Management”

Each sections of topic done in A4 sheets. The project should be presented in a file.

## INFORMATION TECHNOLOGY

**Home Work :-** Complete Introduction to IT and ITeS Industry: Session 01 and Session 02, Data Entry and Keyboarding Skills: Session 01 and Session 02 Multiple Choice Question /Answer, Matching, True or False and Exercise Q/A in a home work copy.

**Assignment :-** (i) Collect information about different services in ITeS and note it down in a thin copy.

(ii) Collect the information about different types of Information Technology and note it down in a thin copy.

**Project Work :-** Collect interesting facts and pictures related to the e-Governance and paste it in chart paper and also explain each picture.

## HINDI

**गृहकार्य:-** कृतिका-पाठ एक के प्रश्न उत्तरों को अपनी कॉपी पर लिखें।

**असाइनमेंट:-** प्राकृतिक आपदाओं को दर्शाते हुए एक कोलाज तैयार करें।

**परियोजनाकार्य:-** क्षितिज-दो बैलों की कथा की कहानी को संक्षेप में चित्र सहित चार्ट पेपर पर लिखें।

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

# ESTEEM PUBLIC SCHOOL

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## HOLIDAY HOMEWORK OF SUMMER VACATION

CLASS – IX 'A1'

TUNGRI (Only for the students of Tungri branch)

### ENGLISH

**Homework: –** Write the poem and also explain the summary "The Road Not Taken". (Note copy)

**Assignment: –** Answer the following questions; (200-250) words:

- Explain the human values from the essence of Iswaran's character from the lesson "Iswaran the storyteller".
- "Paperless book is ideal for saving trees, but do you think that paper books make a positive impact on the students". Discuss the statement with reference to the story "The fun they had". (A4 size paper)

**Project Work:–** Write about the poet: Robert Frost (On chart paper).

### MATHS

**Homework:-** Complete all the exercise of Ch-1 and 2 in your class work copy.

**Assignment: –** A. Subjective Type Questions:

- Show that  $x + 3$  is a factor of  $p(x) = 69 + 11x - x^2 + x^3$ .
- Find the zeroes of the polynomial  $(x - 2)^2 - (x + 2)^2$
- Factorize  $64m^3 - 343n^3$
- Write two rational number between  $\frac{1}{2}$  and  $\frac{7}{8}$
- Find two irrational numbers between 0.12 & 0.13
- Express each of the following decimals in the form  $\frac{p}{q}$

(a) 5.2                      (b)  $0.2\overline{35}$                       (c)  $0.00\overline{352}$

B. Short Answer Type Questions:

- Simplify:  $\sqrt{3 + 2\sqrt{2}}$

**Project:-** Project work on Polynomials.

Or

Constructing the "Square root spiral" of irrational numbers (i.e,  $\sqrt{2}$ ,  $\sqrt{3}$ , ....)

### SCIENCE

**Home Work: -** Learn and write all the concepts, diagrams, internal questions and main exercise of chapter -01 in a separate copy.

**Assignment: -** (A4 size paper)

Write the difference between the followings:-

- Active transport and Passive transport.
- Nucleus and Nucleolus.

3. Smooth Endoplasmic Reticulum and Rough Endoplasmic Reticulum.
4. Leucoplasts and Chromoplasts.
5. Mitochondria and Chloroplasts.

**Project Work :-** Draw a neat diagram of Modern Periodic Table on chart paper.

## SOCIAL SCIENCE

### HISTORY

**Home Work :-** 1. Illustrate some of the basic rights set forth in Olympe de, Gouges, Declaration.  
2. Explain subsistence crisis. (In homework copy)

**Assignment :-** 1. Draft 'The Political system under the constitution of 1791'.  
2. Write about some important dates with their events.

3. Write about great philosopher and writer and also paste pictures (French Revolution). (A4 sheet)

**Project :-** 1. Draw or Paste Politics symbols used to communicate import ideas in eighteenth century.  
2. Explain with figures A Society of Estates. (Chart Paper)

### ECONOMICS

**Home Work :-** 1. Explain Green Revolution in India.

2. Explain the difference activities done in Palampur. (In homework copy)

**Assignment :-** 1. What can be done so that more non-form production activities can be started in villages?  
2. What is the difference between fixed capital and working capital and human capital?

**Project :-** 1. Draw the project of story of village Palampur.  
2. Draw or paste different types of modern Farming methods. (Chart paper)

### GEOGRAPHY

**Home Work :-** (i) Learn CH-1 including all inside questions.

(ii) Learn and write Ch-2 including all inside questions in homework copy.

**Assignment :-** Make a chart of some highest peaks of Himalayas, its height and the name of country in which peaks are situated in A4 size of paper.

**Project :-** On an outline map of India mark the major soil types in different states.

### CIVICS

**Home Work :-** (i) Learn Ch-1 including all inside questions.

(ii) Learn and write Ch-2 including all inside questions in homework copy.

**Assignment :-** Make a poster in favour of voting in election in A4 size paper.

**Project :-** Write the preamble of the Indian constitution in chart paper in attractive manner.

## INFORMATION TECHNOLOGY

**Home Work :-** Write and learn all the Q/A of the chapter – 1 in your Holiday Homework copy (use a thin copy).

**Assignment :-** 1. What do you mean by verbal communication? What are its advantages.  
2. Write a short note on micro functions of communication.  
3. Write an essay "Barrier to communication".  
4. Collect the information about difference services in Ites with example. (on A4 sheet)

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

Or

Draw the difference Gestures that we do while doing the non-verbal communication.

## HINDI

**गृहकार्य :-** 'क्षितिज' पाठ्यपुस्तक से पाठ-1 के प्रश्नोत्तर याद करें एवं लिखें।

**असाइनमेंट:-** कबीरदास की 'साखियाँ एवं सबद' को रंगीन A4 साइज पेपर में सुंदर ढंग से लिखें।

**परियोजना कार्य:-** 'संत कबीरदास' का जीवन परिचय पर 'कला एकीकृत परियोजना' का फाइल प्रस्तुत करें।