



ESTEEM PUBLIC SCHOOL

A Senior Secondary School (10+2)
Affiliated to CBSE, Delhi



HOLIDAY HOMEWORK OF PUJA VACATION (2025-26)

CLASS – VIII (Only for the students of Chaliyama Branch)

ENGLISH

- Homework** : Write and learn all the word meanings of the chapters till taught [3 times each]
- Assignments** : Make a poster on A2 size paper on the topic “ Child Abuse/ Child Labour “ and decorate it.
- Project** : Choose a story or poem and write an “ alternate ending “ of it

MATHS

- Assignments** : 1. Make an assignment to verify by paper cutting and superimposing that diagonal of a Parallelogram divides it in to two congruent triangles.
- 2.To verify using a squared paper that all congruent – triangles are equal in area but the triangles equal in area may not be congruent
- Chapter – 9 Exercise questions [chapter end]Q. no. 3,5,7,10,15,17,22

SCIENCE

- Homework** : Write a one page summary of the chapter
- Solve the bookwork exercise
- Assignments** : Write all the characteristics of sound ? How to differentiate between two sounds, write In detail with diagrams ?
- Project** : i. Rubber band guitar
- ii. Water X

SOCIAL SCIENCE

Homework : Make an assignment on waste water management.

Assignments : Complete the Q/A of social justice and marginalised.

COMPUTER

Homework : Create a basic login form using only HTML.

Assignments : Write 15 python programs.

Project : Create a project on student report card management system using python programming.

HINDI

गृहकार्य : पाठ 11 (अष्टावक्र का शास्त्रार्थ) के अभ्यास प्रश्न को अपने अनुसार उत्तर के साथ लिखें।

कार्यभार : "विकलांग परिवार का भार होता है" क्या आप इस धारणा से सहमत हैं? तर्क देकर लिखिए।

परियोजना कार्य : 'मुंबई की बारिश की तरह ऐसे उन स्थलों के बारे में लिखे जहाँ बाढ़ या भूस्खलन जैसे प्राकृतिक आपदाएँ हुई हों, पर एक लेख लिखें।

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



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CLASS – VIII (Only for the students of Tungri Branch)

ENGLISH

Homework : Learn all the rules of conjunctions and their types.

Assignments : Frame 2 sentences each from all the co-ordinate conjunctions and subordinate conjunctions.

Project : Compose your own poem of 5 -6 lines (can be more) on any genre of your choice on an A4 size paper.

MATHS

Homework : Solve all the questions of Ex – 8.1 , 8.2 , 8.3 , 8.4 and the miscellaneous exercise in a holiday homework copy.

Assignments : (i) Find the area of the rectangle whose length is $10p + 7q$ and breadth is $3r$.

(ii) What is the volume of a rectangular box of sides x^2y , xy^2 and $3xy$?

(iii) Find the value of x if $15x = 50^2 - 40^2$.

(iv) What should be subtracted from $3a + 7b - 10$ to get $-2a - 7b + 9$.

(v) Subtract $5xy(x + y - 5)$ from $x(6x^2 - 7y + 5) + xy(x + y)$

(vi) Evaluate using a suitable identity. (a) $(98)^2$ (b) 156×158

(vii) Simplify $x^3(2x^2 - 3) - 3x^2(4x - x^3) - 7x^5$ and find its value at $x = 1$.

(viii) Simplify using a suitable identity $\left(x^3 + \frac{2}{x^3}\right)\left(x^2 - \frac{2}{x^3}\right)$

(ix) Prove that $\frac{(6a-5b)^2 - (6a+5b)^2}{ab} = -120$

(x) Find the value of the following expression if $x = \frac{1}{4}$ and $y = \frac{-2}{7}$

$$36x^2 + 49y^2 + 84xy$$

(xi) Rohan purchased a rectangular plot whose two adjacent sides are $y - 6x + 3z + 8$ and $x - 2y - 5z - 8$. He wants to put a wire fence twice around it. Find the total length of the wire needed.

(xii) A store in a mall has 'x' T-shirts with 'SAVE ENVIRONMENT' printed, 2x T-shirts with 'Save Tiger' printed and 3x T-shirts with 'GROW PLANTS' printed. The cost of each T-shirt is ₹(x + 1), ₹(x - 2), and ₹(2x - 3) respectively. All these items were sold in a day. Find the total collection of the store.

Project : (Choose any one of the following topics)

- Use of algebra in geometry. (link geometry and algebra together)
- Use of algebraic expressions in real life.
- Addition and subtraction of Algebraic expressions.

SCIENCE

Homework : Make 20 questions from the Ch – Sound and answer them.

Assignments : Explain how the ear works ?

Project : Noise pollution

Write the Hazards & Safety measures of noise pollution (in a file).

SOCIAL SCIENCE

Homework : Learn the Questions & Answers of L - 13 & 19.

Assignments : Write short note on Revolt of 1857.

Project : Make a chart showing crops that grow in India and plot it in Map of India as well.

COMPUTER

Homework : Learn all the Questions & Answers of Ch- 6 & 8.

Assignments : What is Cloud Computing ? (Answer it in a stick file)

Project : Draw 3 online shopping sites and 3 chatting applications and write about them in an A4 size chart paper.

HINDI

गृहकार्य : विरिका हिंदी

पाठ : पाठ - 9 , 11 का लिखित प्रश्नोत्तर लिखें।

व्याकरण : कारक का प्रश्नोत्तर लिखें।

असाइनमेंट : ' जल संरक्षण ' विषय पर एक निबंध लिखें ।

परियोजना कार्य : अस्तावक्र की तरह ऐसे बहुत से बालक हुए हैं जिनका नाम इतिहास में अमर है जैसे ध्रुव , प्रहलाद , एकलव्य आदि । उनके बारे में इंटरनेट से जानकारी प्राप्त करके परियोजना तैयार कीजिए ।

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

