



Summer Vacation Homework (2025-26)

Class: IX

ENGLISH

- i) Make an English project on Ch – In the Kingdom of Fools.
- ii) Select two poems from the syllabus and highlight the presence of listed literary devices. Explain the literary devices and cite suitable example from selected poems in a thin notebook. Given below is a list of literary devices that you can look for in your poem.

- Simile
- Metaphor
- Personification
- Alliteration
- Repetition
- Oxymoron
- Refrain
- Hyperbole
- Allusion
- Apostrophe
- Irony
- Paradox
- Onomatopoeia

- iii) Write a short story in 150-200 words based on the following input. Give your story a suitable title.

Input: Rainy evening- power cut – alone at home – strange noise – phone not working - unexpected guest

HINDI

समास किसे कहते हैं? इसके भेदों का उदाहरण सहित, विस्तार पूर्वक, एक प्रोजेक्ट फाइल तैयार कीजिए।

SOCIAL SCIENCE

History (Roll No 1 - 8)

- i) On a chart paper/ art sheet, make a flow chart on French revolution
- ii) Read the chapter, French revolution and learn the questions and answers.

Geography (Roll No 9 - 16)

- i) Make a chart on Save Earth/Save Water/Global warming.
- ii) Learn question answer of the chapter - Physical features of the Earth.

Civics (Roll No 17 - 24)

- i) Read Ch – What is democracy and why is democracy and learn questions answer of it.

Economics (Roll No 25 – 30)

- i) Show the summary of the village Palampur on chart paper with the help of illustrations and pictures.
- ii) Also frame one story of a hypothetical village like Palampur in your words.

MATHS

- i) Polynomial profile cards

Objective : understand polynomial through a creative lens.

Task : Design "Profile cards" for types of polynomials: constant, linear, quadratic and cubic. Each card should include: Definition, General form one real life example (e.g. quadratic in projectile motion) A graph (can be sketched)

Note: Size of card must be 6"x6" inches minimum

- ii) Learn and write all formulae of factorization on the chart paper.

PHYSICAL ACTIVITY TRAINER

Make a First Aid Box containing at least 10 items.

ARTIFICIAL INTELLIGENCE

Project Work

Project Title: AI in Education

Objective:

Research and create a project on how Artificial Intelligence is transforming the education system. This project can be presented as a report, poster, or PowerPoint presentation.

Project Guidelines:

Introduction – Briefly explain AI and its role in education.

Applications of AI in Education – List and explain at least 3 applications of AI in education (e.g., personalized learning, AI-powered tutoring systems, and automated grading).

Benefits – Describe the benefits AI brings to students and teachers.

Challenges – List any challenges faced by schools or institutions when implementing AI.

Future of AI in Education – Discuss the future potential of AI in the education sector.

SCIENCE

Biology (Roll No 1 - 10)

Make a chart of any organelle of cell system

Chemistry (Roll No 11 - 20)

Write about the following scientist and their contribution to our society in 100 words. (In your notebook)

i) JJ Thomson

ii) E. Rutherford

iii) Neil Bohr

Physics (Roll No 21 - 30)

Kindly show the types of motion through working model.

You can take the help from following link

<https://youtube.com/shorts/HO7PGVJWap8?si=vhb8oB7QRNFly9K>

Note: Holiday home work to be submitted within three days of the re-opening of the school.