

Dr.Virendra Swarup Education Centre jajmau kanpur

HOLIDAY HOMEWORK FOR SUMMER VACATION (2026-27)

CLASS – 10th

English

Skill Enhancers

Comprehension:3,4

Grammar all assignments

Writing: Write a letter of complaint to the municipal corporation regarding the street lights that don't function in your area and are a cause of concern.

Write a letter to place an order for stationery for your school, you are Rajat, resource in charge of St. Ann School, Dehradun

Project Work

Make a project on : Nelson Mandela....A long walk to freedom

Trace the journey of Nelson Mandela from his birth to death, highlighting his struggle to freedom and his ultimate success.

Use Comment sheets and art sheets, total no. 15

Prepare an attractive cover for your project ,use handmade sheets

CHEMISTRY

1. S. Chand Book: Solve 20 HOTS (High Order Thinking Skills) and 5 MCQ questions each from:

a) Chapter 1: Chemical Reactions and Equations

b) Chapter 2: Acids, Bases and Salts

Write both questions and answers neatly

2. NCERT Book: Solve all questions related to balancing chemical equations from Chapter 1: Chemical Reactions and Equations

(First write the unbalanced chemical equation, then write the balanced chemical equation)

Use a separate Holiday Homework Notebook for this assignment.

3. Complete Science practical file as per the instructions given in the class.

Biology

Prepare a project file on life processes, describing any one of the systems with neat and labelled diagrams.

Maths

Do these activities in your maths lab manual

Activity 1: Polynomials

To draw the graph of a quadratic polynomial and observe:

1. The shape of the curve when the coefficient of x^2 is positive (+ve).
2. The shape of the curve when the coefficient of x^2 is negative (-ve).
3. Its number of zeroes.

Activity 2: Pair of Linear Equations in Two Variables

To understand conditions for consistency of a system of linear equations in two variables by graphical method.

Activity 3: Introduction to Trigonometry

To verify experimentally a trigonometric identity: $\sin^2 \theta + \cos^2 \theta = 1$

Activity 4: Application of Trigonometry

To make a mathematical instrument 'clinometer' and use it to find height.

Solve all the exercise of chapters polynomials, Linear equations in two variables, introduction to trigonometry from ncert book in your fair notebook.

HINDI

1. "जीवन का कठिन समय और मानसिक मजबूती" विषय पर 120 शब्दों में अनुच्छेद लिखें।
2. अपने विद्यालय की प्रधानाचार्या को ईमेल लिखें जिसमें आग्रह करें कि कक्षा 10 के विद्यार्थियों के लिए अतिरिक्त कक्षा का आयोजन किया जाए।

(कार्य व्याकरण रजिस्टर में करें)

परियोजना कार्य

3. हिंदी साहित्य के रत्न सूरदास, तुलसीदास, जयशंकर प्रसाद, सूर्यकांत त्रिपाठी निराला में से किसी एक का साहित्यिक जीवन परिचय देते हुए सुंदर चित्रात्मक परियोजना कार्य करें।

Social Science

Project Work: - Make a project file on the topic Consumer Awareness

Topics to be covered.

- Introduction
- Acknowledgement
- Certificate
- Who is a Consumer?
- Consumer Exploitation
- Consumer Rights
- Consumer Responsibility
- Consumer Awareness

- Need of Consumer Awareness
- Consumer Courts
- Jago Grahak Jago
- National Consumer Helpline
- Consumer Protection Act 1986
- Conclusion

Instructions: - .

- ❖ The Project should be **handwritten**.
- ❖ Make Cover page with **Title Name, School Name, Student Name, Class, Roll Number.**
- ❖ Use pictures, diagrams, wherever possible, Add headings, subheadings, and bullet points for clarity.
- ❖ **Project Length should be 12–15 pages (including pictures).**

ARTIFICIAL INTELLIGENCE

“Prepare a PowerPoint presentation of at least 20 slides on AI and Cyber Safety (Detecting fraud, phishing, and online threats). Insert images wherever required. Save the presentation in a pen drive for submission. The pen drive will be returned after checking.”

Computer Application

Prepare a power point presentation on “The Internet Revolution: History, Uses ,Advantages and Disadvantages” (Prepare atleast 12-15 slides).