



SUMMER

HOLIDAY

ASSIGNMENT

(Session 2025-2026)

CHRIST MEMORIAL SR. SEC. SCHOOL, BAIRAGARH

SUMMER HOLIDAY HOMEWORK:- (2025)

CLASS – X
SUBJECT – ENGLISH

1. Read or watch English news daily and write three news headlines in your English fair copy daily
2. Make an attractive book jacket depicting the profile of any poet .
3. Help out some needy people of your area in the vacation (sharing clothes , food items , beverages etc.) and share pictures of it . (atleast 5 people)
4. Prepare an article on “ Pahalgam Terror Attack”
Write your views by preparing few questions like – why were there no soldiers at Pahalgam , etc.) watch our PM’S speech after this , (his words) and what decisions taken by our ministers (Defence Minister, Home Minister).
- 5 . Practice grammar , part of previous years board papers (Atleast 5) .

Subject – Maths

PART- (A)

Q1. Prepare a ppt. presentation of the given numbers $\sqrt{3}$, $\sqrt{5}$, $\sqrt{7}$, $2 + \sqrt{3}$, $5 - \sqrt{7}$ are irrational numbers.

Q2. Prepare a graphical representation of polynomials , to find the zero’s

PART- (B)

1. To draw a mind map on the topic polynomials .

PART (C)

1. Learn and write the square roots of the squares of natural numbers from 1 to 20 , identify irrational number’s also.
2. Solve the questions , how to find the zero’s a quadratic polynomials and if zero’s are given to find the polynomial.

3. Prepare an investigatory project on prime numbers and composite number (it includes ; fundamental Theorem of Arithmetic , LCM and HCF , its importance, its uses and examples , connect it with daily life situation).

SUBJECT – SCIENCE

Instuction-

1. Complete all questions in a separate notes copy
2. Diagrams should be drawn neatly where ever required.
3. Use reference – books or ncert solutions.
4. Submit on the reopening – day.

Physics Light – Reflection ajnd Refraction.

- Define the laws of reflection and refraction.
- Draw ray diagrams to show the images formation in-
 - Concave mirror,
 - Convex Mirror.
- Practice numericals based on the mirror and formula. (atleast 2 each)

Chemistry

Acid, Base and Salts.

- Write the chemicals reaction of
 - a) Acid with metal
 - b) Acid with base
 - c) Base with non- metal oxide
- Explain the pH scale with example of substances having different pH.
- Prepare a chart showing uses of different salt in daily life. (eg. Baking soda, Washing soda, Bleaching Powder)

Biology

Life Process –

- Explain the process of photosynthesis and respiration with labelled diagram.
- Compare aerobic and anerobic respiration.
- Explain structure of human heart and draw a labelled diagram.

Project work –

- Make a PPT/ Chart on any one.
 - Human digestive system.
 - Transportation in plants.
 - Conservation of natural resources.

SUBJECT – SOCIAL SCIENCE

I – PROJECT WORK:-

Prepare a detailed project on any one of the following topics:-

Project – 1 Consumer rights

- Different type of Consumer rights that you have as a consumer.
- COPRA.
- Role of Courts in implementation of consumer rights.
- How can you spread consumer awareness?
- Case study.

Project – 2 Social Issues (Students may select any one topic related with social issues).

Some suggested topics are given below:-

Take any one topic for project.

- Domestic Violence against women
- Unemployment
- Gender Issue
- Child Labour
- Poverty
- Environmental Issue
- Economic Disparities
- Religious Diversity

Project – 3 Sustainable Developments

- Meaning of sustainable Development
- Issue of sustainable Development
- Importance of sustainable Development
- Meeting/reports/summit related to sustainable Development
- Current status of sustainable Development

Project should be presented in this order:-

- i. Cover page showing project title, school's name , student's name ,Class,Section and academic session (year)
- ii. List of Contents with page number (Index, approx -- 20 pages)
- iii. Certificate page
- iv. Acknowledgements : Acknowledging Institution , Offices and people who have helped
- v. Summery and conclusion based on findings.

Note :- Only Eco-friendly Material to be used.

II - Art Integration

1. Read Newspaper regularly during summer vacations. You will have to collect newspaper clippings of the current issues happening, Events etc. & arrange them in a Creative way.
2. Make a Power point Presentations (PPT) On any of the National Parks or Wildlife Sanctuaries of India. Has the Sanctuary helped to save any animals from becoming extinct.

III - Fun – N - learn Activity

1. In the present Scenario of climate change, being a green yodha, mention your bit preserving the planet. For eg.:- design an absolutely self-sustainable home for yourself . It can be model or Presentation in any form you like.

Note –

- Revise all syllabus done till date.
- Do holiday homework in separate notebook/file as per requirement

SUBJECT – HINDI

- प्र.1 किसी भी देश का इतिहास वहाँ के लोक प्रिय गीतों के द्वारा अभिव्यक्त होता है। ये लोकगीत गायन की विशिष्ट शैली के द्वारा बलिदान प्यार, कर्तव्य और वीरता की कहानी सुनाते हैं। इस आधार पर मध्यप्रदेश और बिहार के किन्हीं दो प्रसिद्ध लोकगीतों को लिखकर उसके निहित भाव को स्पष्ट करते हुए लोकगीतों का हिंदी अनुवाद कीजिए तथा उनसे प्राप्त शिक्षा को भी लिखिए।
- प्र.2 बिहार में स्थित किन्हीं तीन विश्वविद्यालय की शिक्षा पद्धति पर जानकारी एकत्रित कीजिए एवं उस पर आधारित 150 शब्दों में अनुच्छेद लिखिए।

SUBJECT – SANSKRIT

- प्र.1 संस्कृत के कोई भी एक कवि का जीवन परिचय संस्कृत में स्लाइड शो द्वारा प्रस्तुत करें।
- प्र.2 'शुचि पर्यावरणम्' विषय को चित्र के माध्यम से प्रस्तुत करें। (संस्कृत कॉपी में)
- प्र.3 मध्यप्रदेश के कोई भी पाँच ऐतिहासिक स्थल का चित्र सहित वर्णन संस्कृत में करें। (संस्कृत कॉपी में)
- प्र.4 समय (सामान्य, सपाद, सार्ध, पादोन) चित्र सहित चार्ट के रूप में प्रदर्शित करें। (संस्कृत कॉपी में)
- प्र.5 प्रत्यय तद्धिता: प्रत्यय (मतुप्, ठक्, त्व, तल्) चार्ट के रूप में प्रदर्शित करें। (संस्कृत कॉपी में)