



# ROYAL OAK INTERNATIONAL SCHOOL

New Palam Vihar, Sector 110, Dwarka Expressway,  
Gurugram, Haryana

## HOLIDAY HOMEWORK

### 2025-26

| **Class: XI**



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## FOR THE PARENTS

### **Dear Parents,**

As our school holidays are now underway, your support and guidance are more important than ever in nurturing your child's academic and personal growth. We encourage you to motivate your child to make productive use of this break by revising concepts, exploring new interests, and diligently completing their holiday assignments.

Please assist in creating a positive study environment, fostering curiosity, and effectively managing their time, while refraining from doing the work for them. This period is a wonderful opportunity for your child to develop independence, creativity, and a sense of responsibility.

Your encouragement and positive reinforcement will inspire them to enjoy their holidays, learn effectively, and return refreshed and ready to face new academic challenges.

Thank you for your continued cooperation and support.

### **Instructions for the students:**

1. Complete all holiday homework and projects as per the given instructions for your respective subjects.
2. Participate actively and independently in each task to develop self-discipline and confidence.
3. Use available resources creatively while completing assignments, incorporating critical thinking and originality.
4. Regularly review and revise the work done during April and May to reinforce learning.
5. Maintain a neat, organized, and presentable format for all submissions.
6. Seek guidance from teachers or parents only when necessary; the emphasis is on your independent effort.
7. Remember, your sincere effort during holidays will prepare you better for upcoming assessments and future endeavors.

**Wishing you a productive and enjoyable holiday season!**

**Regards**

**TEAM ROIS**

**Please note the following:**

- Summer vacations will commence from 1st June, 2025 till 30<sup>th</sup> June, 2025 , both days inclusive.
- The school will re-open on 1<sup>st</sup> July, 2025(Tuesday)
- Schedule for the submission of HHW is as follows :

English/P.Ed : 02/07/2024 (Wednesday)

Hindi/Chem./Accounts : 03/07/2024 (Thursday)

Maths/Sociology/Bio. : 04/07/2024 (Friday)

P.Sci./B.Std : 07/07/2024 (Monday)

His/Eco./CS : 08/07/2024 (Tuesday)

Phy./IP/F&N : 09/07/2024 (Wednesday)

- ❖ For AI and SANSKRIT (2<sup>nd</sup> week of July). Dates will be given in the classes only by the subject teachers.
- ❖ Summer HHW 5 marks will be added as an Activity marks in Term - I

**Wishing you all a very fruitful and enjoyable vacations.**



## State: West Bengal



West Bengal is a vibrant and culturally rich state located in the eastern part of India. Known for its diverse landscapes, it features lush green tea gardens in Darjeeling, the tranquil Sundarbans mangrove forests, and the scenic Himalayas. The capital city, Kolkata, is renowned for its literary, artistic, and intellectual heritage, often called the "Cultural Capital of India." West Bengal has a rich history of tradition, festivals, music, dance, and cuisine that reflect its diverse cultural heritage. It is also an important center for education and commerce, contributing significantly to India's growth and development.

### ENGLISH:

1. You are Rajan / Rajni, a student reporter of class –XI of your school. Write an article highlight the state's (West Bengal) art, literature, festivals, and traditions in about 150 - 200 words on the topic: "The Cultural Heritage of West Bengal"
2. You are Naveen / Nistha, the cultural secretary of your school. Prepare a speech in 150–200 words on the topic: "The Role of West Bengal in India's Freedom Struggle" You have to deliver it in the school assembly on Independence Day. Mention key events and leaders from the state who contributed to the movement.

Note: Do it in fair notebook

## **HINDI:**

1. निम्नलिखित में से किसी एक लेखक का जीवन परिचय तथा किसी एक रचना का (उपन्यास अथवा कहानी) सारांश ए-4 शीट पर सुंदर हस्तलिपि में लिखकर चित्र सहित एक फाइल तैयार कीजिए।

उपन्यास -गुनाहों का देवता (धर्मवीर भारती), मैला आंचल (फणीश्वर नाथ रेणु)  
कहानी-(महादेवी वर्मा) नीलकंठ, (सुभद्रा कुमारी चौहान) बिखरे मोती

2. निम्नलिखित में से किसी एक कवि का जीवन परिचय तथा उसकी उनकी दो कविताएं ए-4 शीट पर सुंदर हस्तलिपि में चित्र सहित एक फाइल तैयार कीजिए।

(तुलसीदास) विनय पत्रिका तथा गीतावली  
(जयशंकर प्रसाद) कामायनी, आंसू

3. हिंदी साहित्य के काल विभाजन तथा नामकरण के विषय में विस्तार पूर्वक लिखकर फाइल तैयार कीजिए।

4. पश्चिम बंगाल के जिले, धर्म, रहन-सहन, भाषा, जनसंख्या, खान-पान के विषय में विस्तार पूर्वक लिखकर चित्र सहित एक फाइल तैयार कीजिए।

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## **MATH:**

General Instructions:

Do Holiday HW in separate note book (give heading SUMMER VACATION HOLIDAY WORK).

1. Complete at least 20 question from each chapters

(set theory, relation function, trigonometric function) of MTG book section wise (MCQ, 1 markers, 2 markers, 3 markers, 4 markers)

2. Design An Art integrated project based on the applications of set (related to monuments) in different states of WEST BENGAL.

3. Design a concept map of trigonometry in a world clock of radius 15 cm.

## **PHYSICS:**

Solve NCERT Exemplar for the chapters

Ch 1 Unit and dimension

Ch 2 Motion in one dimension

Ch 3 Motion in a plane.

\*Prepare the Investigation Project Report on the assigned topic.

## **CHEMISTRY:**

- Investigatory project
- NCERT Exemplar questions of Chapter

1 Some basic concepts of chemistry

Synopsis of investigatory project is to be prepared.

Note: In synopsis aim, material required and detailed procedure is to be written.

Students need to Prepare synopsis using A-4 size white sheets without lines and all the sheets are to

be attached in a file. [You can take help of internet while selecting the project for synopsis].

Solve NCERT Exemplar questions of Some basic concepts of chemistry

### **BIOLOGY:**

- Prepare the Herbarium file by selecting any 10 plants species.
- NCERT Exemplar questions
  - Bring Herbarium file from market.
  - Select any 10 plant species having stem, leaves, and flowers.
  - Keep them for dry in books by keeping weight on it.
  - Stick in the file by writing details.

Solve the exemplar questions of the following.

Chapter: Breathing and Exchange of gases.

Chapter: Body fluids and circulation.

### **COMPUTER SCIENCE:**

1. **Create a GIF animation** related to “Technological Advancements in West Bengal” using Piskelapoo.
  - Use pixel art to represent iconic landmarks of Kolkata, Howrah Bridge, Victoria Memorial etc., and animate their features.
2. **Develop a Python program** that:
  - Calculates the total rainfall received over a specified period in West Bengal (use fictional data).
  - Write a code to input the length and breadth of a farm in Bengal and compute the area and perimeter.

### **INFORMATICS PRACTICES:**

1. **Mini Project:**
  - Develop a small Python program that takes input from the user to manage a simple Contact List (name and phone number).
  - Save contacts in a list and display the complete contact list.
  - Add more contacts in the list and print it
2. **Create a Digital Poster:**
  - Design a poster promoting the use of computers and technology to improve education in rural areas of West Bengal.
  - Use sample images and persuasive slogans.

### **FOOD AND NUTRITION:**

**Project work on West Bengal’s cuisine and its evolution prepare a food blog of authentic Bengali restaurants.**

Key points to be mentioned in the project.

- Key ingredients used
- Their production process popularity among the state and in country.

### **ACCOUNTS:**

Project work on West Bengal Business Unit (Eg. Mishti Mahal)

Key points to be mentioned in the project.

- **Business name, location, Type of business, Business Model, Owner , Starting Capital.**
- **Source Documents used**
- **Journal entries**
- **Ledger Posting**
- **Trial Balance**
- **Trading and Profit and Loss Account.**

Bar Diagram and Pie chart.

### **BUSINESS STUDIES:**

Project work on West Bengal Textile art like Baluchari and Tant sarees.

Key points to be mentioned in the project.

- **Origin of the Art**
- **Materials required and their source**
- **How textile product is diversified**
- **E-commerce platform is used to market the product.**
- **Workshop and Tourism if any**
- **Marketing Mix (i.e 4 P's)**
- **SWOT Analysis**

Government initiative and MSME Support

### **ECONOMICS:**

**Topic:** Project work on West Bengal –infrastructure, literacy, sex ratio, demographic profile, since last 5 decades.

Key points to be mentioned in the project.

- Key development areas since independence.
- Materials required and their source
- How industries is diversified
- Workshop and Tourism if any

Government initiative and MSME Support

## **SOCIOLOGY:**

1. Prepare a poster on literacy in West Bengal.
2. Project Work Prepare a PROJECT FILE which should be handwritten consisting of 25-30 A4 size sheets.

The project file should be prepared in the following sequence-

- Cover page should include the title of the Project, student information school and year
- Certificate
- Acknowledgement
- Index
- Introduction of topic/title ☐ Statement of purpose/Need and objective of the study
- Hypothesis/Research question
- Review of literature
- Presentation of evidence
- Methodology
- Questionnaire
- Data collection
- Significance and relevance of the topic
- Challenges encountered by conduction the research
- Content analysis and its relevance in the current scenario
- Conclusion
- Limitation
- Bibliography
- Annexures and overall presentation
- Project must be made presentable with the help of images, graphs, pie-charts, diagrams etc.
- Different forms of Art must be included/may be integrated in the project work.

List of Suggested Topics:

Students can select anyone topic from the below mentioned topics-

- Mental health stigma and impact
- violence against women
- impact of peer pressure on school children
- Joint family-is it eroding in India
- Impact of social media on our society
- Family structure and child behavior
- Cyber crime and security
- Social in equality and Social exclusion
- Family and Kinship
- Globalisation and Mass Media

- Impact of Westernisation on people
- Domestic violence
- Is Marriage as an institution collapsing in India
- Status of education in low income group Indian society
- Gender inequality in workplace
- Role of Youth in contemplating gender
- Changes in the village as a self-sustaining entity
- Development and Ecological Sustainability

## **POLITICAL SCIENCE:**

### PROJECT FILE

#### 1. Government Structure in WEST BENGAL

Task: Prepare a report explaining the structure of the State government in West Bengal Include Information including news paper report clippings/pictures About :

- \* Governor
- \* Chief Minister
- \* State Legislature (Legislative Assembly)
- \* Major Departments (Health, Education, Transport, etc.)

#### 2. Political Evolution of West Bengal

Task: R. No 1 to 12: Make a pictorial collage on a Chart paper and with a short report on the political history of West Bengal post-independence.

Include:

- \* Rise of Left Front (CPI-M rule for 34 years)
- \* Formation and rise of Trinamool Congress (TMC)
- \* Key movements: Naxalite movement, Singur & Nandigram protests

R.NO 13 onwards:

Local Self-Government

Task: Prepare a Chart on "Role of Panchayati Raj Institutions in West Bengal with a short report Include :

- \* 3-tier structure: Gram Panchayat, Panchayat Samiti, Zilla Parishad
- \* Their role in grassroots democracy.

#### 3. Reserach Activity : Government Welfare Schemes

Task: Make a Flash Card on an A-3 sized Sheet on any one of the welfare schemes of the West Bengal government:

Examples:

- \* Kanyashree Prakalpa (for girls' education)
- \* Swasthya Sathi (health insurance)
- \* Rupashree Prakalpa (financial aid for marriage of girls)

## **HISTORY:**

- ❖ **Make a project file on the following topics in a beautifully covered files as per as CBSE guidelines .**

<b>ROLL NO.</b>	<b>TOPICS</b>
1 to 4	Ancient History in depth : Mesopotamia
5 to 8	Greek Philosophy and city state
9 to 12	Contribution of Rome Civilization
13 to 16	History of Abornies : America
17 to 20	Facets of Modernization : China/Japan/Korea
21 onwards	Piecing together the past of Genghis Khan

**Must begin the project by including the following parameters (more than 32 pages) :**

- Front information (School name, academic year, Project title and roll no)
  - Beautiful creative Cover page
  - List of content with page number (index).
  - Certificate
  - Acknowledgement ( giving credit to those who helped you in this project)
  - Project overview ( brief idea about the project )
  - Content sheet ( 10 to 12 pages with relevant photographs with maps )
  - Conclusion
- ❖ **Prepare a poster on the local political situations of West Bengal .**

## **PHYSICAL EDUCATION:**

- History of yoga
- Any five Yogasana with their procedure, benefits & contraindication mention in practical file