



RAJA RAMMOHAN ROY ACADEMY

"Learning, laughter, and lovely summer days!"

**Dear Parents,
Greetings!**

Summer vacation is a wonderful time for children to relax, refresh, and explore new learning experiences. To keep our students engaged in productive and creative activities during the holidays, we have prepared the Summer Holiday Homework.

The homework has been designed to enhance your child's creativity, thinking skills, and subject knowledge in an enjoyable way. We kindly request you to encourage and guide your child to complete the work neatly and sincerely within the given time.

Motivate your child to develop reading habits by encouraging him/her to read books and practice writing daily. Kindly limit excessive screen time and involve your child in creative and outdoor activities. Ensure that your child follows a healthy routine with proper sleep, exercise, and nutritious food.

We hope your child enjoys the holidays while learning something new every day.

Wishing you and your family a happy, safe, and joyful summer vacation!

**Warm regards,
Raja Rammohan Roy Academy**



**SUMMER ASSIGNMENT AND PROJECT WORK
SESSION 2026-27
CLASS –X**

Subject	Project/ Assignment
Eng. Lang.	<p>*English Language**</p> <p>Q1 *Attempt any one of the following compositions:*</p> <p>a) Write a short story beginning with the words:</p> <p>“As soon as I entered the old house, I realized something was terribly wrong...”</p> <p>b) “Appearances are often deceptive.”</p> <p>Narrate an experience or story based on this idea.</p> <p>c) Imagine you are a reporter present in Rome after Caesar’s assassination. Write a newspaper report describing the reaction of the crowd and the chaos in the city.</p> <p>*Q2. Functional Writing*</p> <p>a) You are the Cultural Secretary of your school. Your school is organizing an Inter-House Drama Competition. Write a notice informing the students about the event and inviting participation.</p> <p>b) Write an email to the Principal of your school requesting permission to organize a book exhibition in the school library for students of Classes IX and X.</p> <p>Q3. Write a review of a book you have recently read .Mention the title, author, main characters, storyline, and your opinion about the book. Would you recommend it to others? Give reasons for your answer.</p>
Eng. Lit.	<p>*English Literature**</p> <p>Q1 How does the author create an atmosphere of mystery and suspense in “Haunted Houses”? Give examples from the story.</p> <p style="text-align: center;">*OR*</p> <p>Describe Martin’s fears in “The Elevator”. How does the elevator become a symbol of his anxiety and helplessness?</p> <p>Q2 How does the author use humour and satire to criticize professional photographers in “With the Photographer”?</p> <p>Q3 From Julius Caesar (Act III Scene III)</p>
	<p>Why is Cinna the Poet killed by the mob? What does this incident reveal about the condition of Rome after Caesar’s assassination?</p> <p>*Instructional note:*</p> <p>Make two separate files for English Literature and English Language.</p>

<p>Hindi</p>	<p>हि परियोजना का ~ कक्षा 10~</p> <p>** निम्नलिखित विषयों पर विभिन्न 300 शब्दों में प्रस्तावित लिखिए।</p> <p>1* ककसी भी भारतीय वििह के दृश्य का चित्र सहित िर्ण कीजिए तथा उसके ष में अपि विार भी लिखिए।</p> <p>2. * आपकी दृजटि में आतंकिाद क्या है? यह समाि ि राटर को ककस प्रकार भयभीत कर रहा है? आपकी समझ ेम ककस प्रकार इसका अंत ककया िा सकता है? अपि विार लिखिए।</p> <p>3*. प्रस्ताि िििि हेतु प्रत्येक विषय पर दो-दो योग्य उदरर् लिखिए: विषय ---- 1 अनुशासन 2. विज्ञान</p> <p>3. युद्ध की विभीवषका 4. लमत्रता 5. समाार पत्र 6. पुस्तक 7. कृत्रम बुदचधमता या (ए.आई) 8. िारी 9. भारतीय संस्कृत 10. बेिी विाओ, बेिी पढाओ</p> <p>4* मीिू ि अलमत का िरत्र चित्र लिखिए।</p>
<p>Mathematics</p>	<p>Mathematics Choose Any Two Topics:</p> <ol style="list-style-type: none"> 1. Comparative newspaper coverage of different items. 2. Survey of various types of Bank accounts, rates of interest offered. 3. Planning a home budget. 4. Conduct a survey in your locality to study the mode of conveyance / Price of various essential commodities / favourite sports. Represent the data using a bar graph / histogram and estimate the mode. 5. To use a newspaper to study and report on shares and dividends. <p>Project Structure:</p> <ol style="list-style-type: none"> 1. Bonafide Certificate 2. Aims and Objective 3. Concepts 4. Preface 5. Acknowledgment 6. Contents 7. Introduction to the Topic (varies by topic) 8. Five examples relating to the topic (varies by topic) 9. Graphs (Bar Graph/Pie Chart/Histogram) if needed (varies by topic) 10. Bibliography (varies by topic) 11. Conclusion.
<p>Physics</p>	<p>HOLIDAY HOMEWORK FOR CLASS X</p> <p>A. In the interleaf practical file, write the following: -</p> <p>Experiment No 1- To determine the Centre of Gravity of an Irregular Lamina using Plumb Line Method.</p>

	<p>Experiment No 2- Verification of Principle of Moments Experiment No 3- To study different kinds of Lever. Experiment No 4- To trace the path of a ray of light through rectangular glass slab and mark lateral displacement. Experiment No 5- To trace the path of a ray of light through a triangular prism and mark angle of deviation. Draw the relevant and necessary diagrams too on the blank side of practical file. B. Learn Chapter 1, 2, 3 and 4 and practice questions on it from ICSE Papers of year 2023, 2024, 2025 and 2026.</p>
Chemistry	<p>*Class X, Chemistry Practical Work* 1. Do the following experiments in a practical file as per the instructions given in the class. Experiment 1 – To recognize and identify an unknown gas by dry test Experiment 2 – To study the effect of heat on the given substances. Experiment 3 – To identify the anion and cation present in the given salt. Experiment 4 – To distinguish copper oxide and manganese dioxide by using concentrated Hydrochloric acid 2. Do the previous years Board Question Answers of Chapters- Electrolysis and Metallurgy 3. Do corrections of First Unit test paper and Paste and solve the other set of Unit Test Paper in the notebook.</p>
Biology	<p>Biology Do the following set of physiology experiments in a practical file. Experiment 1-To study mitosis in plant and animal cell Experiment 2-To study the process of diffusion Experiment 3-To study the process of osmosis using potato osmoscope Experiment 4-To study the process of absorption in plants Experiment 5-To show that chlorophyll is necessary for photosynthesis Experiment 6-To show that carbon dioxide is necessary for photosynthesis Experiment 7-To show that sunlight is necessary for photosynthesis Experiment 8-To show that oxygen is released during photosynthesis Experiment 9-To study the model of human eye Experiment 10-To study the model of human ear Note: Labelled diagram should be drawn neatly on the blank pages with a pencil. No coloring is required</p>
History/Civics	<p>History and Civics Prepare a Project on any one of the following topics as per the ICSE guidelines Freedom struggle of India -Gandhian Phase(1919-1947) Composition, Objectives and Functions of the following UN Agencies: WHO UNESCO UNICEF UNDP</p>
Geography	<p>PROJECT WORK Students will be required to prepare a project report on any one topic. The topics for assignments may be selected from the list of suggested assignments given below. Students can also take up an assignment of their choice under any of the broad areas given below. Suggested list of assignments: 1. Local Geography: (a) Land use pattern in different regions of India– a comparative analysis. (b) The survey of a local market on the types of shops and services offered. 2. Environment: Wildlife conservation efforts in India. 3. Current Geographical Issues: Development of tourism in India. 4. Transport in India:</p>

	<p>Development of Road, Rail, Water and Air routes.</p> <p>5. List different type of industries in the States and collect information about the types of raw materials used, modes of their procurement and disposal of wastes generated. Classify these industries as polluting or environment friendly and suggest possible ways of reducing pollution caused by these units.</p> <p>6 . Need for industrialization in India, the latest trends and its impact on economy of India.</p> <p>7. Visit a water treatment plant, sewage treatment plant or garbage dumping or vermicomposting sites in the locality and study their working.</p>
<p>Computer Application / Science</p>	<p>*Computer Applications Class 10th*</p> <p>Write and execute five-five Java programs on the following topics.</p> <ol style="list-style-type: none"> 1. if-else-if and switch-case 2. Nested Loops 3. Sum of Number Series 4. Function and Function Overloading 5. Class and Objects 6. String handling 7. Arrays (Searching and Sorting) Single Dimension 8. Arrays Double Dimension <p>*Do as per the instructions given in class*</p>
<p>Economics / Eco Applications</p>	<p>Prepare a project file covering any four topics suggested by the council. Suggested list of assignments:</p> <ol style="list-style-type: none"> 1. Identify 100 consumers of major brands of edible oils in a locality/ area where you live. Draw up the pattern of their monthly expenditure on this product and compare it with the other household expenditure. Make a presentation of your findings in class. 2. Identify the major brands of bathing soaps that are available in the market in your area. Select a sample of 10 shops/ department stores that sell these brands and collect the sales of these brands over a period of one week at these shops. Identify the brands that sell the most and make a presentation for your class. 3. Make a presentation on the central problems an economy faces. Explain these with reference to the Indian economy. 4. Take a developed country such as the USA and a developing country such as India. Analyze the main characteristics of these economies. 5. Outline the main modes of transport in the district/city you live. What problems do you and other citizens face pertaining to the availability of public transport? Analyse. 6. Take a table of food grain production in India from any textbook on Indian economy or any other secondary source such as internet. Interpret the changes in the production over a given period of time. 7. Given a table of population growth for period between 1971 and 2001 and table of contribution of agriculture, industry and services sector for the same period, compare the two tables and present your findings in the form of a presentation.

	<p>8. Make a presentation of the major trading partners of India in the last 15 years. Specify the major changes that have taken place in the last five years.</p> <p>9. What are the major items of export and imports from India in the last five years? Use secondary data sources and make out the changes that have taken place in this context.</p>
Home Science	<p>Summer Assignment</p> <ol style="list-style-type: none"> 1. Food and nutrition - Using food eaten in one day and classify them into food group. 2. Human Development - Collecting 10 play materials and write their merits and demerits. 3. Textile and clothing - Identification of fabrics cotton wool, silk and synthetic fibres by burning test. 4. Communication and extension- Designing a leaflet or a pamphlet to create awareness regarding consumer rights and responsibilities. 5. Resource management- Prepare a family budget.
Physical Education	<p>Make a project file on the topic (Volleyball and Football) The project must contain at least 20 pages per game.</p>
Art	<p>Prepare six beautiful Nature Study sheets by observing and drawing flowers, leaves, and plants neatly with proper colouring and detailing. Also create a table cloth using the Tie and Dye painting technique with creative patterns and colour combinations</p> <p>Submit both projects neatly after the holidays with your name and class mentioned properly</p>