

ROSE BUD SCHOOL, LILUAH, HOWRAH
PROJECT WORK 2023-2024
CLASS – IX

SUBJECT	CHAPTERS
ENGLISH LANGUAGE	<p>1. As a secretary of the social activities club of your school. Write a notice informing class XII students of your school that your club has decided to launch a cleanliness drive in a slum colony near your school during the Dussehra holidays and urge them to volunteer their names for the programme, giving all the necessary details.</p> <p>2. As secretary of the social activities club of your school, write an E-mail asking two local newspapers to cover the same report.</p>
ENGLISH LITERATURE	<p>1. Character analysis of Flavius and Marullus.</p> <p>2. Write an analysis of the short story "Bonku Babu's Friend".</p>
COMMERCIAL STUDIES	<p>1. Visit a factory situated near your residence or school. Find out whether the factory is a primary industry, classify it into either extractive or genetic industry. In case it is a Secondary industry classify it into either manufacturing industry or construction industry.</p> <p>2. Visit a Bank situated near your house or school, collect informations about various functions performed in the Bank. Which of the services provided by the bank is most popular among businessmen? Find out from the bank manager.</p>
HINDI	<p>Topic--1- "Baat Athani ki" Kahani ke adhar pr kahanikar ka parichay dete hue unke mukhey kirdaro ka charitra chitran kgy----</p> <ol style="list-style-type: none"> 1. Sekh salimuddin 2. Babu jagat singh 3. Ramjaan 4. Rashila
BENGALI	Lalu Golpo obolombone lalu choritro alochona koro
HISTORY	Make a comparative study of the Harappan and the Mesopotamian Civilization.
GEOGRAPHY	Rotation and Revolution of the Earth. Definition, effects.
MATHEMATICS	Prove that $\sqrt{3}$ and $\sqrt{5} + 1$ are irrational numbers and represent it on the number line.
PHYSICS	<p>Project -1 Determine the least count of the vernier caliper and measure the length and diameter of a small cylinder (Average of three sets) may be a metal rod of length 2 to 3 cm and diameter 1 to 3 cm.</p> <p>Project - 2 Determining the zero error, zero correction, pitch and least count of the given screw gauge and measure the radius of the wire.</p>
CHEMISTRY	<p>1. With proper explanation and with example write down the following :-</p> <ol style="list-style-type: none"> a. Single Displacement Reaction b. Double Displacement Reaction c. Photochemical Reaction d. Decomposition Reaction

BIOLOGY	1. Plant Life: The examination of an onion peel under the microscope to study various parts of the cell. [Draw and label the parts.]2. Animal Life: Identification of sugar, starch, protein and fat through conduct of relevant tests.
ART APPLICATION	Sculpture making with plaster of paris.
HOME SCIENCE	Identification of pulses, cereals and spices.
ECONOMICS APPLICATION	1. Make a presentation on the central problems an economy faces. Explain these with reference to the India economy. 2. Take a table of food grain production in Indian from any text - book on Indian economy or any other secondary source such as internet. Interpret the changes in the production over a given period of time
COMPUTER APPLICATION	<p>1. Write a program using int variables to find the area and perimeter of a rectangle of length 12cm and breadth 8cm.</p> <p>2. Write a program to initialize two integer variables a and b with 5 and 6 respectively and interchange them. Thus after interchanging, a and b will be 6 and 5 respectively.</p> <p>3. A person is paid ₹350 for each day he works and fined ₹30 for each day he remains absent. Write a program to calculate and display his monthly income, if he is present for 25 days and remains absent for 5 days.</p> <p>4. In a competitive examination, there were 150 questions. One candidate got 80% correct and the other candidate 72% correct. Write a program to calculate and display the correct answers each candidate got.</p> <p>5. The normal temperature of human body is 98.6°F. Write a program to convert the temperature into degree Celsius and display the output. Hint: $c / 5 = f - 32 / 9$</p> <p>6. Write a program to calculate simple interest for any principal amount, with the rate as 5.82% and time as 5 years.</p> <p>7. Write a program to calculate and print sum of digits of any given two digit integer number. Example: The given number: 25 Sum of digits = 7 (2+5)</p> <p>8. Write a program using variables to find the profit and profit percent of a certain transaction where S.P.=₹ 10000 and C.P.=₹ 7000</p> <p>9. Write a program using variables to find the cost of 17 pencils if the cost of one pencil=₹ 2.50. Output should be: Cost of 1 pencil=₹2.5 Cost of 17 pencils=₹42.5</p> <p>10. Write a program to initialize three int variables a, b and c with 234, 456 and 712 and store the sum of the last digits of the variables into d and display it. Output 12 (4+6+2)</p>