ST FRANCIS XAVIER SCHOOL
HOLIDAY HOMEWORK
CLASS- IX SCIENCE AND COMMERCE
Session: 2023-24

SUBJECT	H/W
English language	"One's knowledge does not depend on one's formal education." Argue either 'for' or 'against' the statement.
English literature	Suppose you come across the strange creature 'Ang' like Bonku Babu. How would you face the situation? What would be your topic of conversation? Write in the form of dialogues.
Bengali	Prose- 1 LALU Reference to context – Important line mention – From this lines Short question and answer will be Holiday homework 2 Bongo Bhumi proti – Reference to context- Short question and answer can be solved (Holiday homework) 3 Grammer Transformation of sentences , Voice change and Express in one word.
Hindi	Essay writing, Letter writing, Comprehension and Project
Physics	1. Solve the worksheet given in the group. 2. Complete the project for half yearly exam given in the class group. 3. Revise the chapter 1.
Chemistry	1. To revise the Question answers from The Language of Chemistry 2. To solve the worksheet given in the group 3. Work set for lab manual to be completed as per directions given in class
Biology	1.To revise the Question answers from Cell. 2.To revise the Question Answers from Plant tissues and Animal tissues. 3. To complete the Question answers from Flower as set in class. 4.To complete all relevant diagrams. 5.Work set for lab manual to be completed as per directions given in class
Maths	Chapter 3, 4 full exercise
Computer Applications	1. Write a program in java to accept two numbers and print their sum and average. 2. Write a program in java to accept two numbers and interchange(swap) their values using third variable.

	3. Write a program in java to accept two numbers and interchange(swap) their values without using third variable. 4. Write a program in java to accept the length and breadth of a rectangle and display the area and perimeter of the rectangle. 5. Write a program in java to accept a number and check and display positive, negative or zero. 6. Write a program in java to accept a number and check and display one digit, two digit or more digit number. 7. Write a program in java to accept time in second and display Hours, Minutes and second. 8. Write a program in java to accept selling price and cost price of a product and display the profit amount or loss amount or no profit no loss. 9. Write a program in java to accept 3 sides of a triangle and check the triangle possible or not. If possible then check and display type of triangle (isosceles, equilateral or scalene). 10. Write a program in java to accept a two digit number and check for special number. [when sum of product and sum of two digits is equal to the number, then the number is called as two digit special number. Eg. 49 -> (4+9)+(4*9)=49] [Do the above programs in the class work copy. Class work copy must be covered properly.]
History and civics	1. Project Work Vedic age. 2. Revise History Chapters- Indus Valley, Vedic Age. 3. Do objective questions from two chapters. 4. Revise Civics Our Constitution, Basic Features of the Constitution. 5. Do objective questions from both History and civics chapters 6. complete all Multiple Choice Questions.

Geography	1. To complete the project
	   Air Pollution / Water Pollution/ Equatorial Region
	2. Assignment 1
	   Conventional Symbols
	3. To mark & locate on World Map
	   a. Surrounding Water bodies & Rivers
	   b. Important Latitudes & Longitudes
	   c. Mountains, Plateaus & Plains
	 4. To revise
	Ch 1 Earth As A planet
	 Ch 2 Geographical Grid
	To solve the sums on Longitude &Time
	Ch 4 Structure Of The Earth
	   Complete Question - Answers of Ch 2 & 4.

Commercial Studies	1.To complete the project work as discussed in class and given in the WhatsApp group. 2. To complete questions given in homework copy from classification of business
Economic Application	1.To complete project work as discussed in class and given in the group. 2.To revise chapter one and two for Unit Test 1 .