

ST. XAVIER'S SCHOOL Siliguri (Affiliated to ICSE & ISC , New Delhi)
CLASS : VII (Assignments)

SUBJECT	ASSIGNMENT	INSTRUCTIONS
1.. English I	1. What are phrases and clauses? State their types.[10] 2) Write an essay on Mother Teresa.[10]	1) Refer to any grammar books or internet. Illustrate with flowcharts, highlight the subheadings. 2) Can take the help from internet but try writing it in your own words.
2. English II	1. Daffodils- Explanation, theme and about the poet. [20]	Refer your books and internet.
3.Mathematics	1. Explain the properties of rectangle, square, triangle and circle along with the formulae of its perimeter and area. Draw diagrams of each. Solve the following questions: a) The area of a rectangular park is 3392sq. metre and its length is 53 metre. Find the breadth and perimeter of the park. b) A circular running track has inner radius 126m and outer radius 140m. Find the area of the track.[10] 2. Explain Pythagoras Theorem with formula. Solve the following questions: a) The hypotenuse of a right angled triangle is 45cm long. If one of the legs of the triangle is 36cm. Find the length of the other leg, b) Two equal sides of a right angled triangle are each 5 metres less than twice the third side. If the perimeter of the triangle is 55 metres, find the measure of each sides of the triangle.[10]	1. Explain the figures with diagram. Write any 4 properties and it's formulae. You can refer any Maths Book 7 or internet. Solve the questions accordingly. [Hint: In question (b), Area of track = area of outer circle – area of inner circle] 2) Explain Pythagoras Theorem. With the help of diagram, derive the formula. Using the formula solve the questions. [Hint: In (b), Perimeter=sum of all the sides of the triangle]
4. Physics	1. Explain how you would measure the volume of an irregular solid, say a stone.[10] 2. Describe how the density of a solid can be determined.[10]	Refer any science book or magazine or internet. Key points and headings must be highlighted.
5. Chemistry	1. Show the inter conversion of states of matter with proper diagram.[10] 2. Draw the periodic table. Give its importance. [10]	1. Change in state of matter is to be shown. Draw the diagram showing the change in state properly (use arrows). Refer Chemistry Book 7 or Internet. 2. Write few lines about periodic table. Write its importance (atleast 4). Draw the periodic table. Colour it properly. Mention the correct rows, columns and chemical symbols of the elements. Use Chemistry Book 7 or internet.

6. Biology.	1. Write a note on vascular system of plants. (Vascular system of plants includes xylem and phloem. Write down the function of xylem and phloem).[10] 2. Draw a neat labeled diagram of nerve cell. Write down its function (Draw a nerve cell or a neuron and write down the function of nerve cell.) [10]	1. Define and explain both xylem and phloem and write down their main functions. Add key points and heading must be highlighted.
SUBJECT	ASSIGNMENT	INSTRUCTIONS
7. History	1. Write down the contribution of Jesus Christ to mankind.[10] 2. Write in detail how did Akbar established a huge Mughal Empire.[10]	Can take the help from relevant books, ancient books, magazines or other sources like internet links or previous class's history textbooks.
8. Geography	Briefly describe the main hydrological projects, nuclear power plants and coal reserves in India. [20]	Explain the location and importance of the main hydrological projects, nuclear power plants and coal reserves in India. Then mark these in outline map of India.
9. Computer	1. Write an article on the uses and drawbacks of using Internet in detail.[10] 2. Write a short note on the following:[10] a)Motherboard b) Non Impact Printer c) Anti Virus Programs d) Cyber Safety	Take help of the Internet.
10. Hindi 2 nd Language	1. Desh me vyapt mahamari k vishay me jankari dete huye chitra chipkaye.[10] 2. Kavi Nirala ki jivni likhte huye unki koi ek kavita likhe.[10]	1. Corona Virus ki suruwat kaise hui, Bharat me kaise faila, Bharat ki vartaman stithi kya hai? Isme sudhar kaise kiya jar aha hai. 2. Nirala ki jivni internet ki madad se likh kar unki ek kavita likhe.
11. Bengali 2 nd Language	1. Computer bisoye rochona lekho chobisoho.[10] 2. Vidyaloje barshik krira protijogita (Annual Sports) ki bhabe palito hoy chobisoho lekho.[10]	1. 2ta bishoi lekhar smoy bhumika, bornona, uposonghar point gulo likhbe. 2ta bishoyei lekha somporkito 2-3 ti chobi dite hbe. 2. Lekhar smoy je kono rochona boi kimba internet er sahajjo nite paro.