

ST. XAVIER'S SCHOOL, SILIGURI

Assignment Topics for Class 8

| SUBJECT               | TOPIC  | INSTRUCTIONS   |
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| 1. English language   | <p>1. Composition:- Describe a typical wedding celebration in your country.</p> <p>2. Write a letter to your pen friend telling him/ her about your city's situation during this COVID-19 lockdown, also telling him/ her to stay in and to stay safe. You can suggest helpful measures and preventions to be taken in this situation.</p> | Can take help from internet and refer essay books as well but write it in your own words   |
| 2. English Literature | After Blenheim - as an anti war poem- discuss  | Refer the internet and paste pictures  |
| 3. Mathematics        | <p>1. Conduct a survey of a group of people , may include your family and imaginary persons and represent it graphically- height and weight</p> <p>2. Show the derivation of volume, total surface area and lateral surface area of solids with examples of each.</p>  | <p>1. Collect data of atleast 15 persons and write it down. On basis of this data make a frequency table mentioning class interval, tally marks and frequency. Now on the basis of the table you have to make graphical representation both bar graphs(in case of discontinuous class interval) and a histogram (in case of continuous class interval). You have to prepare height and weight table separately.</p> <p>2. Give a brief description of each figure ( cube, cuboid, cylinder) and write the derivation of formula along with drawing or paper cut out. Solve one problem applying each formula. Take help of the internet.</p> |
| 4. Chemistry          | Ozone layer depletion. Write about the substances responsible for it. Explain about its impact.  | You can find it from science magazine and internet.  |

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| 5. Computer                          | <p>1. What is Computer Programming Language? What are the different types of computer programming language? Define each of them.</p> <p>2. What is Object Oriented Programming? Give four characteristics and limitations of object oriented programming. In the context of principles of object oriented programming, define the following terms- (i) Data Abstraction , (ii) Encapsulation, (iii) Inheritance, (iv) Polymorphism</p> | You can find the topic in Logix Computer Application book of class 9 or internet.   |
| 6. History                           | <p>1. Collect pictures and information about the renaissance.</p> <p>2. On the outline map, mark the independent states that emerged after the break up of the Mughal empire</p>   | <p>You can refer to old magazines and history text books and relevant books link: <a href="https://www.mrdowling.com/renaissance.html">https://www.mrdowling.com/renaissance.html</a>(AccessedDecember2016) or <a href="https://www.gatewayforIndia.com/historyMartha.html">https://www.gatewayforIndia.com/historyMartha.html</a>(Accessed 15 December 2016)</p> |
| 7.2 <sup>nd</sup> Language (Hindi)   | <p>1. Corona jaise mahamari se ladne mei doctor's ki aham bhumika ka varnan kare</p> <p>2. Vyakti ke jivan me adhyapak ka mahatva samjhate huye nibandh likhe</p>  | <p>1. Corona kya hai? Bharat mei yah virus aane ke uprant medical team ne kya kiya? Sarkar kaise madad kar rahi hai? Doctor's ki kya bhumika hai aur woh kya kar rahe hai.</p> <p>2. Adhyapak kise kehte hai? Adhyapak ka humare jivan mei kya mahatva hai? Adhyapak ke bina jivan mei kya samasyaye aa sakti hai? Upsanhar</p>                                   |
| 8.2 <sup>nd</sup> Language (Bengali) | <p>1. Poribesh dushon o tar protikare manob somajer bhumika.</p> <p>2. Tomar dekha ekta bigyan prodorshoni (Science exhibition) ke ghire probondho lekho</p>   | <p>- Jekono rochona boi kimba internet er sahajjo nebe.</p> <p>- Duiti bisoyei bhumika, bornona, uposonghar ei point gulo thaka abossok.</p> <p>- 200 theke 250 shobder modhhe likhbe. Seshtai bishoi upojogi chobi dite hobe.</p>  |
| 9. Geography                         | Study and write an essay on the linkages between climate, vegetation and wildlife for any three countries of Asia.   | <p>In this topic describe the relationship between climate, vegetation and wildlife of any three countries of Asia with pictures.</p> <p>You can find the topic in your text book and can search internet.</p>  |

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| 10. Biology | <p>1. What is Transpiration? Describe the factors which affect the rate of transpiration.</p> <p>2. Draw and describe nitrogen cycle.</p>  | <p>1. Define the term and describe the factors affecting that E.g. temperature</p> <p>2. Refer science magazine or internet. Important:- Key points and headings should be highlighted</p>  |
| 11. Physics | <p><b>RESEARCH FOR WORKING MODEL FOR SCIENCE FAIR :</b><br/> Find out an appropriate topic for your science model with the help of internet or books. Write its theory, working, parts to be used and detailed diagram in the following format</p> <ul style="list-style-type: none"> <li>• Name of the topic</li> <li>• Theory or Principle on the basis of which it is working</li> <li>• Parts required</li> <li>• Diagram</li> <li>• Working of the model</li> </ul> <p>While choosing the topic make sure that it is not expensive to make, parts are readily available</p> | <ol style="list-style-type: none"> <li>1. Find it from science magazine and internets</li> <li>2. <b>STUDENTS ARE REQUIRED ONLY TO SUBMIT WHAT THEY WANT TO MAKE IN WRITING IN PAPER.</b></li> <li>3. <b>THE MODEL HAS TO BE MADE ONLY AFTER THE REGULAR CLASSES STARTS.</b></li> <li>4. <b><u>NEVER LEAVE YOUR HOUSE FOR THIS PURPOSE</u></b></li> </ol> |

Important:- Write the assignments in blue or black pen only. You can use other color for the headings