

Pakistan International School, Qatar

Summer Vacation Homework

Class VIII Boys / Girls

| Subject        | Home Work   |
|----------------|---|
| English        | <ul style="list-style-type: none"> <li>● <b>Assignment-I:</b> Read the Short story “<b>All Summer in a Day</b>” by Ray Bradbury (The soft copy is attached.)               <ol style="list-style-type: none"> <li>1. Write a summary of the story (100-120 words) and name the main characters.</li> <li>2. Choose 10 interesting <b>adjectives</b> and <b>adverbs</b> from the story and find their dictionary meaning.</li> <li>3. Find 1 synonym and 1 antonym for all 20 words.</li> <li>4. Use any 10 words of them in your own ‘creative and interesting’ sentences. (Present your work creatively)</li> </ol> </li> <li>● <b>Assignment-II:</b> <ul style="list-style-type: none"> <li>▪ Watch the movie “Balto” (The dog that saved lives) using YouTube and answer the following questions:                   <ol style="list-style-type: none"> <li>1. What is Balto’s story about?</li> <li>2. Was Balto a pure dog? What breed was he?</li> <li>3. Where did he live and in what time?</li> <li>4. What was the name of friend of Balto and what was her breed?</li> <li>5. What is the meaning of ‘outcast’? Why was Balto an outcast?</li> <li>6. Who was the villain dog (Steele) and what was his job in the town?</li> <li>7. What tragedy happened to the people of the town?</li> <li>8. How did the people of the town treat Balto after his successful mission?</li> </ol> </li> </ul> </li> </ul> <p><b>NOTE:</b> Learn all the units completed till Summer Vacation Break.</p> |
| Urdu           | <p>1- چھٹیوں میں دیکھی / پڑھی یا سنی گئی تین پسندیدہ کہانیوں یا ڈراموں پر تبصرہ تحریر کریں۔ اس تبصرے میں بتائیں کہ اس ڈرامے یا کہانی کا مصنف کون ہے؟ یہ ڈراما یا کہانی آپ کو کیوں پسند آئی؟ اس کا مرکزی خیال کیا تھا؟ آپ نے اس سے کیا سبق حاصل کیا؟</p> <p>2- انٹرنیٹ پر موجود اردو اخبارات سے بچوں کے حوالے سے تین مضامین منتخب کریں۔ ان میں سے ہر مضمون سے دس اہم نکات تلاش کر کے الگ الگ صفحے پر لکھیں۔ مثلاً یہ مضمون کس موضوع پر ہے؟ یہ مضمون مزاحیہ ہے یا سنجیدہ؟ یہ مضمون کس عمر کے بچوں کے لیے ہے؟ اس سے کیا سبق حاصل ہوتا ہے؟ وغیرہ</p> <p>3- چھٹیوں کے دوران آپ خوشی / غمی کی جس بھی تقریب / پروگرام میں شرکت کریں گے اس کی روداد لکھیں۔</p> <p>4- پڑھائی گئی نظموں کے اشعار کو نثر بنا کر لکھیں۔</p> <p>5- پڑھائے گئے تمام اسباق کا اعادہ۔</p>   |
| Mathematics    | <p><b>Project Base assignments:</b></p> <ul style="list-style-type: none"> <li>- Describe all properties of “operation on Sets “ in accordance with text book and search examples related to it using digital libraries.</li> <li>- Inheritance and its distribution among his legal inheritors according to Islamic Shariah Law. At least, consider 5 different scenarios of legal inheritors. Consult inheritance calculator available by Islamic countries</li> </ul> <p><b>First Term course revision:</b>     <b>Unit: 1</b> Operation on sets Ex 1.1, 1.2, <b>Unit: 2</b> Real numbers 2.1, 2.2, 2.3 2.8, 2.9, <b>Unit: 4</b> Financial Arithmetic 4.1, 4.2, 4.3, 4.5, <b>Unit:5</b> Polynomial 5.1, 5.2, <b>Unit: 6</b> Factorizations and simultaneous equation 6.1, 6.2, 6.3, 6.4, 6.5, 6.9, <b>Unit: 9</b> Area and Volume 9.1, 9.3</p>   |
| Social Studies | <ul style="list-style-type: none"> <li>● Write a detailed note on Two Nation Theory covering the following points:             <ul style="list-style-type: none"> <li>○ Definition of the Nation,                      Definition of the Two Nation Theory,     Who presented the theory</li> <li>○ What are the components of the two nation theory,     What is the role and importance of Two Nation Theory in the making of Pakistan?</li> </ul> </li> <li>● Make a chronological list of all the events of Pakistan history given in your book.</li> <li>● Observe your surroundings and list human activities responsible for environmental degradation.</li> </ul> <p>Suggest solutions for the above mentioned reasons of the environmental degradation.</p> <ul style="list-style-type: none"> <li>● Study and revise all the work done in text book, notebook and worksheets.</li> <li>● Study the completed portion of the textbook thoroughly and prepare maximum objective type sentences.</li> </ul>  |

| <b>Compute Science</b> | <p>[1]. Make a list of at least 50 HTML tags along with its purpose and syntax i.e.</p> <table border="1" data-bbox="376 86 1397 165"> <thead> <tr> <th>S.No</th> <th>TAG</th> <th>Purpose</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>&lt;HTML&gt;</td> <td>Declares the web page to be written in HTML</td> </tr> </tbody> </table> <p>Help can be taken from: <a href="https://www.w3schools.com/html/html_editors.asp">https://www.w3schools.com/html/html_editors.asp</a></p> <p>[2]. With the help of above listed HTML Tags make a website of at least 10 web pages and hyperlinks.</p> <p>[3]. Write algorithms and draw flowcharts for (Driving a Car, ordering a burger, going for holiday, attending friend’s birthday, going to Pakistan, starting and shutdown a computer, developing a website, going to a doctor for checkup, attending a seminar, installing windows in computer)</p> <ul style="list-style-type: none"> <li>• Learn and Prepare Lesson # 4, 6 and 7 for first term exam.</li> </ul>  | S.No  | TAG | Purpose | 1 | <HTML> | Declares the web page to be written in HTML |
|------------------------|---|---|-----|---------|---|--------|---|
| S.No                   | TAG   | Purpose                                     |     |         |   |        |   |
| 1                      | <HTML>  | Declares the web page to be written in HTML |     |         |   |        |   |
| <b>Chemistry</b>       | <p><b>Project:</b> Write sources of air pollutants you find in your locality and suggest ways to reduce pollution produced by these sources.<br/>Write 10 MCQ’s from Chapter 4 and 5 each in a separate notebook (other than unit exercises).</p>   |   |     |         |   |        |   |
| <b>Physics</b>         | <ul style="list-style-type: none"> <li>• PROJECT: Application of Pascal Law or modes of transfer of Heat</li> <li>• Write 15 MCQ’s from chapter no.7 &amp; 8 other than exercise.</li> <li>• Revise the whole syllabus covered up to summer vacation.</li> </ul>  |   |     |         |   |        |   |
| <b>Economics</b>       | <ol style="list-style-type: none"> <li>1. <b>Project:</b> Search the GDP data of Pakistani economy for the last ten years and then write 200 words commentary about the GDP data.</li> <li>2. Memorize chapter no. 3 &amp; 4, note the key terms in your notebooks.</li> </ol>  |   |     |         |   |        |   |
| <b>General Science</b> | <p>Chapter No.3. Biotechnology &amp; Chapter No.4. Pollutants and their effects on environment.</p> <ul style="list-style-type: none"> <li>• Read these two chapters thoroughly and write at least 50 open M.C.Q. in a separate note book.</li> <li>• Study all the figures and diagrams given in these two chapters and do preparation for pictorial questions as per the new paper pattern.</li> <li>• Prepare the following charts from these two chapters.</li> </ul> <ol style="list-style-type: none"> <li>1. Relationship between chromosomes, DNA and Gene. Page No. 33. (Chapters No.3)      2. Introduction of gene into bacterium. Fig. 3.4. Page. No. 36. (Chapter No.3)</li> <li>3. Production of insulin. Fig. 3.5. Page 37. ( chapter No.3)</li> <li>2. Genetically Modified fruits and vegetables. Fig. No. 3.9. Page. No. 40. (Chapter No.3)      4. Air Pollution. Fig. No.4.1. Page No.46. (Chapter No.4)</li> <li>5. Ozone depletion. Fig. 4.6. Page No. 50. (Chapter No. 4)      6. Acid rain. Fig. No.4.8. Page.No.52. (Chapter No.4)</li> </ol> <ul style="list-style-type: none"> <li>• Write Assignments on the following topics. <ol style="list-style-type: none"> <li>1. Keeping environment clean is the responsibility of all.</li> <li>2. Recycling is a good practice to conserve natural resources.</li> </ol> </li> <li>• Revise all the work done in these two chapters before summer vacation.</li> </ul> |   |     |         |   |        |   |
| <b>Geography</b>       | <ul style="list-style-type: none"> <li>• Prepare a detailed note about chemical industry.</li> <li>• Discuss in detail about the positive and negative impacts of insecticides and herbicides.</li> <li>• What are the main sources of electricity in Pakistan?</li> <li>• What is the importance of agriculture &amp; industry?</li> </ul>   |   |     |         |   |        |   |
| <b>Biology</b>         | <ol style="list-style-type: none"> <li>1. Write the definitions of important terms related to nervous system, excretory system, mitosis and Meiosis.</li> <li>2. Draw and label the diagram on note books from ch.1,2 and ch.3.</li> <li>3. Research Work</li> </ol> <p><b>Introduction:</b> The goal of this research work is to introduce you the application of Biotechnology in the field of health and environment.</p> <p><b>Task:</b> Make an assignment on “Application of Biotechnology products in the field of health and environment.” Research the biotechnology products and their uses in the field of health and environment with the help of different websites from the internet by using following information.</p> <p>a. Definition of Biotechnology    b. Role of different biotechnology products in the field of health    c. Role of different biotechnology products in the field of environment    d. Important biotechnology techniques    e. Solution of environmental problems by biotechnology</p> <ul style="list-style-type: none"> <li>• Learn all the chapters completed before summer vacation</li> </ul>  |   |     |         |   |        |   |

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| <b>Islamiyat</b> | <ul style="list-style-type: none"><li>• Write a detailed note on the life of Hazrat Umer Farooq (رضى الله تعالى عنه) focusing on the following: (You may use internet resources for this.)<ul style="list-style-type: none"><li>▪ As a leader</li><li>▪ As an administrator</li><li>▪ As a Caliph</li></ul></li><li>• Learn and write all the questions and answers completed before summer vacation in a separate notebook.</li></ul> |
| <b>Civics</b>    | Prepare a comprehensive Research article on “Types of Family”.<br>Substantiate your work with pictures.  |