

**HOMEWORK FOR SUMMER BREAK**  
**CLASS: IX**  
**SESSION 2023-24**

**General Instructions:**

1. Write in a clear and legible handwriting.
2. DO NOT COPY AND PASTE FROM THE INTERNET. (Assignment will be rejected)
3. In case of reference from the internet, you may:
4. Read the content from the internet, if you wish and paraphrase (Rewrite in your own words)
5. Mention the source of your information by providing the link from the internet for the verification by the teachers.
6. Marks awarded will be counted in the final scores at the end of the session.
7. The Summer Vacation HW will be submitted immediately upon arrival to school after Summer Vacation.

**Note for the Parents:** Parents are requested to guide his/her wards to complete their assignments honestly and submit by the due date.

| S.N<br>O | SUBJECT         | TOPIC  | REMARK/ REFERENCE<br>LINK   |
|----------|-----------------|--|---|
| 1.       | ENGLISH         | <ol style="list-style-type: none"> <li>1. Make a portfolio Robert Frost, his life and achievements, and his five most beautiful poems. Add relevant pictures also.</li> <li>2. You are Padam, office in-charge at Vayusena School, Sant colony, Vishakhapatnam. Place an order of stationery items for the school office to Modern store, New Market, Vishakhapatnam.</li> <li>3. <b>Synonym tree.</b> Make/Draw a large tree , affix synonym-containing words to the tree. 15 minimum words with four synonyms for each words are its fruits.<br/>a.( Use assignment papers)</li> </ol>   | <p>Instructions</p> <ol style="list-style-type: none"> <li>1 use scrab book. Write up should be handwritten. Avoid printed description.</li> <li>2 Use assignment papers.</li> <li>3 Use colorful chart paper, colours , glitters etc</li> </ol>  |
| 2.       | HINDI           | <p><b>Reading:</b> 1.महादेवी वर्मा द्वारा रचित कहानी 'गौरा' पढ़िए।</p> <p><b>Writing:</b> 1भक्त कवि कबीर , गुरु नानक , नामदेव और मीराबाई की रचनाओं का नाम लिखिए।</p> <p><b>Project Work:</b> 1. पता कीजिये कौन कौन से साँप विषैले होते हैं ? उनकी सूची बनाकर किन्हीं दो सर्प का चित्र बनाइए।</p>   |   |
| 3.       | MATHEMATI<br>CS | <p><b>1. Project:</b></p> <ol style="list-style-type: none"> <li>a. Construct a square root spiral in A4 - size sheet.</li> <li>b. PPT on pi(<math>\pi</math>).</li> </ol> <p><b>2. Solve the exemplar questions of Ch 1 in practice notebook.</b></p>   | <p>Reference Link:</p> <p><a href="https://drive.google.com/file/d/0B48LXwSwCo6BUew2Z0Q2NjFDQm8/view?resourcekey=0-jhdfTh4B6V_8IG2ET2S9Cw">https://drive.google.com/file/d/0B48LXwSwCo6BUew2Z0Q2NjFDQm8/view?resourcekey=0-jhdfTh4B6V_8IG2ET2S9Cw</a></p>   |
| 4.       | SCIENCE         | <p>Physics-</p> <ol style="list-style-type: none"> <li>1.Make an art integrated project on Motion.</li> <li>2. Solve the numericals related to speed, velocity and acceleration.</li> </ol> <p>Chemistry: 1.Prepare a project file on latent heat using A4 size ruled paper</p> <ol style="list-style-type: none"> <li>2.Prepare a chart of first 20 elements of the periodic table,mentioning their atomic number,electronic configuration and valency.</li> <li>3.Learn chapter 1-Matter in our surroundings</li> </ol> <p>Biology</p> <ol style="list-style-type: none"> <li>1. Draw a well labelled diagram of a plant cell or an animal cell</li> </ol> | <p>Instructions for project-</p> <ol style="list-style-type: none"> <li>1.Use A4 size paper(ruled and blank)</li> <li>2.Project must be handwritten</li> <li>3.Design cover page which reflect the topic.</li> <li>4.Project must be creative as well as informative.</li> <li>5.It must include Index,Acknowledgement and bibliography.</li> </ol> |

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| 3.    | MATHEMATICS | <p><b>1. Project:</b></p> <ol style="list-style-type: none"> <li>a. Construct a square root spiral in A4 - size sheet.</li> <li>b. PPT on <math>\pi</math>.</li> </ol> <p><b>2. Solve the exemplar questions of Ch 1 in practice notebook.</b></p>   | <p>Reference Link:</p> <p><a href="https://drive.google.com/file/d/0B48LXwSwCo6BUew2Z0Q2NjFDQm8/view?resourcekey=0-jhdfTh4B6V_8IG2ET2S9Cw">https://drive.google.com/file/d/0B48LXwSwCo6BUew2Z0Q2NjFDQm8/view?resourcekey=0-jhdfTh4B6V_8IG2ET2S9Cw</a></p>  |
|       |             | <p>on a chart paper.</p> <ol style="list-style-type: none"> <li>2. Prepare a file and make a list of different cell organelles, their discoverers and their functions alongwith their diagrams.</li> <li>3. Learn chapter 5 -Fundamental unit of life.</li> </ol>  | <ol style="list-style-type: none"> <li>6. Use transparent stick file</li> <li>Instructions for chart-<br/>1 Use half size of chart paper.<br/>2. Chart must be decorative and informative.</li> </ol>  |
| 5     | SST         | <ol style="list-style-type: none"> <li>1- Research Based Project Work on the topic Disaster Management in India Or G-20 Summit 2023.</li> <li>2- Make a poster on Sustainable development goals on a chart paper.</li> </ol>   | <p><b>Things to be kept in mind while doing this project:</b></p> <ul style="list-style-type: none"> <li>o Use A-4 size file paper (one side ruled).</li> <li>o For headings and subheadings use a sketch pen.</li> <li>o Project must be handwritten (use blue/black ink only)</li> <li>o Design the cover page which should reflect the topic. (use your creativity)</li> <li>o Mention the Topic of the project, Name, class &amp; section and roll No. on the cover page in bold letters.</li> <li>o Project can be in your writing in project file</li> <li>o Avoid using plastic covers and use eco friendly materials.</li> </ul> |

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|                              |             |   | o Use drawings, charts, pictures, newspaper cuttings to make your project look attractive, and presentable.  |
| 6                            | COMPUTER    | PPT on Effective Communication skills   |  |
| <b>FATHER'S DAY ACTIVITY</b> |             | 1. Decorate a room for your father with his favourite memories. , throw a thank-you-dad party and gift a photo album to him to remember all the wonderful times you shared with him.  | Take pictures of each of these occasions and send them as a collage to your teacher.   |

**Submitted By:** Ms FARHEEN H SHAIKH  
 (Co Class Teacher)