

# GURU AMAR DASS PUBLIC SCHOOL

## Holiday Homework for Summer Vacation 2024-25

### **GRADE – IX**

#### **INSTRUCTIONS:**

- ❖ Do your holiday Homework on one separate notebook.
- ❖ Do the homework independently, only ask for assistance from your parents or guardians.
- ❖ Neatness and presentation are common parameters for most of the activities assigned. Please maintain the quality of work done.
- ❖ Holiday homework will be assessed on certain parameters and marks/grade will be awarded accordingly.
- ❖ To score well in your upcoming exams, strike a balance between your leisure time and studies.
- ❖ Marks of Holiday Homework will be added in your Mid-Term Examination.

SUBJECT	HOMEWORK
ENGLISH	<p>Explain the following quotes/proverbs in the context of the lessons in 100-120 words:</p> <ul style="list-style-type: none"><li>a. "The Fun They Had" - "Technology can never replace a teacher's touch."</li><li>b. "The Sound of Music" - "Never give up, for that is just the place and time that the tide will turn."</li><li>c. "The Little Girl" - "Understanding is the key to a good relationship."</li><li>d. "A Truly Beautiful Mind" - "No one is born a genius; it is hard work and determination that make us."</li></ul> <p><b>Write the following letters:</b></p> <ul style="list-style-type: none"><li>• As head of the music department of your school, write a letter to Hyderabad Music House, placing an order for some music instruments like Sitar, Harmonium, Tabla, Tanpura and Guitar. You are Anvita/Anil of DIPS School, Rohini, New Delhi.</li><li>• You are Neha Singh, computer incharge of ABC International School. Your school wishes to buy 20 computers and computer accessories from Apple Inc., Nehru Place, New Delhi, Draft a letter placing order giving all the specifications of the product and its quality.</li><li>• You are Rakesh/Sonia of XYZ Public School, Noida. Write a letter to the Sales Manager, Orient Blackstone, Noida, placing an order for some books for your school library.</li><li>• You are Ganesh/Raja, the Sports Secretary of your school. Write a letter to the Manager M/s Khanna &amp; Sons, New Delhi, a leading firm in sports goods. Request the company to supply trade catalogues at the earliest.</li></ul>
PUNJABI	<ul style="list-style-type: none"><li>❖ “ਕੰਨਿਆ ਭਰੂਨ ਹੱਤਿਆ” ਇੱਕ ਭਿੰਨੰਕ ਸਮਾਜਿਕ ਵਿਸ਼ੇ ਉੱਪਰ ਆਪਣੇ ਵਿਚਾਰ ਲਿਖੋ।</li><li>❖ ਕੀ ਤੁਹਾਡੇ ਵਿਚਾਰ ਅਨੁਸਾਰ ਨਵੀਂ ਸੱਭਿਆਤਾ ਨੂੰ ਅਪਨਾਉਣਾ ਗਲਤ ਹੈ? ਕਿਉਂ ਜਾਂ ਕਿਉਂ ਨਹੀਂ ਆਪਣੇ ਸਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।</li></ul>
MATHEMATICS	<ul style="list-style-type: none"><li>❖ Find five rational numbers between any two rational numbers. choose the rational numbers yourself and solve five questions related to them.</li><li>❖ Solve five questions related to the LCM by taking different denominators.</li><li>❖ Represent <math>2, \bar{3}, 1, \bar{1}\bar{4}, 0.\bar{1}\bar{4}\bar{7}, 3, \bar{1}\bar{2}\bar{3}, 2.\bar{1}\bar{4}</math> in the form p/q.</li><li>❖ Revise and write all the identities of chapter 2.</li><li>❖ Solve all the questions related to factorization of quadratic and cubic polynomials from ex 2.3.</li><li>❖ Write the following activities from cordova's lab manuals.<ul style="list-style-type: none"><li>• To represent the square roots of natural numbers</li><li>• To verify the Algebraic identities for <math>(a+b)^3</math> and <math>(a-b)^3</math></li><li>• To verify the Algebraic identities for <math>a^3 + b^3</math> and <math>a^3 - b^3</math></li><li>• To factorize a quadratic polynomial of the type <math>x^2 + bx + c</math></li></ul></li></ul>

SCIENCE	<ul style="list-style-type: none"> <li>❖ Complete the lab manuals of physics, chemistry and biology.</li> <li>1 (a) To prepare true solutions of common salt, sugar alum in water.</li> <li>1 (b) To prepare suspensions of salt, chalk powder and fine sand in water.</li> <li>3 (a) To study the reaction between iron nails and copper sulphate in water and classify it as a physical or chemical change.</li> <li>4 (a) To prepare strained temporary mount of onion peel.</li> <li>❖ Make a list of major discoveries related to the cell from chapter number 5. For Example : Year / Scientist name/ work</li> <li>❖ Differentiate the following           <ul style="list-style-type: none"> <li>(a) Distance and Displacement</li> <li>(b) Scalar and Vector Quantities</li> <li>(c) Speed and Velocity</li> </ul> </li> <li>❖ Make a list of first 20 elements and write their symbols and names.</li> <li>❖ Revise Periodic Test - I syllabus.</li> </ul>
SOCIAL SCIENCE	<ul style="list-style-type: none"> <li>❖ Geography: prepare a project file on the topic Disaster Management</li> <li><b>Pick one disaster from the following;</b> <ul style="list-style-type: none"> <li>a) Floods</li> <li>b) Earthquake</li> <li>c) Forest fire</li> <li>d) Landslides</li> <li>e) Droughts</li> <li>f) Cloud burst</li> </ul> </li> <li>❖ Learn chapter 1 of geography, history and civics.</li> <li>❖ Prepare 20 MCQs from chapter 2 of civics on holidays homework notebook.</li> <li>❖ Map work : Locate and label all neighbouring countries on Indian physical map.</li> </ul>
I.T.	<p>Solve book exercise of Session 1, 2, 3, 4, 5 from Unit - 2 (Part - A) Self management skills</p> <p>Revise Periodic Test - I syllabus.</p>

***In addition to Homework, you may perform the following activities:***

- ❖ Keep an earthen water filled pot on your roof for birds.
- ❖ Play indoor/outdoor games.
- ❖ Do exercise daily.
- ❖ Eat healthy, fresh fruits and vegetables.

